Search history

Search 1: FT=(fly* and trap* and insect* and container* and top* and holes*) (Results 870)

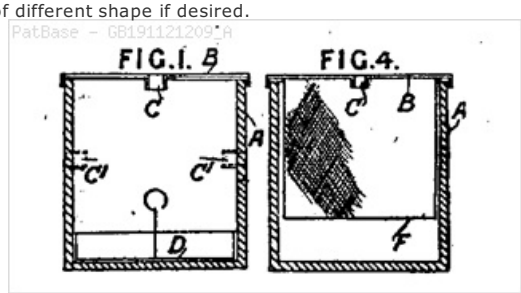
Search 2: (1) AND IPC=(A01) (Results 441)

1) Family number: 34387003 (GB191121209A)

Title: A Wasp and Fly Trap.

Abstract: 21,209. Wood, R. Sept. 26. Insect traps.-A jar A, Fig. 1, of glass, metal, earthenware, and c., containing bait is provided with entrances C' having projecting tubular portions, and with a removable bucket or strainer D to remove the dead insects without removing the bait. A removable cover B of glass, earthenware, perforated metal, wirework, and c., also has similar entrances C. In the form shown in Fig. 4, the strainer D is replaced by a cage F of perforated metal, glass, earthenware, wirework, and c., which is removably attached to the cover B, but no entrances are provided in the jar A. The entrances C, C<1> may be formed integral with the jar A or cover B or by tubes fitting apertures therein. The jar A and cover B may be of any suitable shape, the cover being in two parts of different shape if desired.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
CPC: A01M1/02 A01M1/106 A01M2200/012
European: A01M1/02 A01M1/10F K01M200/012 K01M201/02



Family:

Publication number	Publication date	Application number	Application date
GB191121209 A	19120815		00000000

Priority:
19110926

Probable Assignee: WOOD ROBERT
Assignee(s): (std): WOOD ROBERT
Assignee(s): ROBERT WOOD
Inventor(s): (std): WOOD ROBERT
Inventor(s): ROBERT WOOD

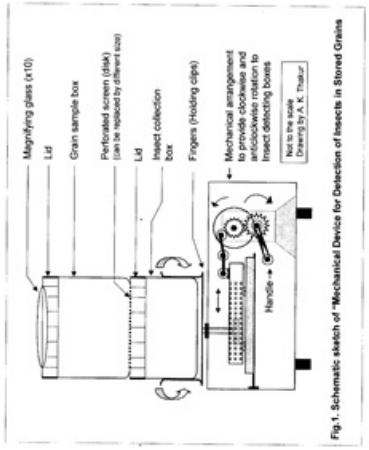
2) Family number: 43692005 (IN00480DE2008A)

Title: MECHANICAL DEVICE FOR DETECTION OF INSECTS IN STORED GRAINS

Abstract: Instant detection, and a fair quantification, of insect infestation in stored food grains are provided by a ""Mechanical device for detection of insects in stored grains"". The device facilitate the detection of the presence or absence of live or dead insects in stored grain and it also allows to visualize the egg infestation in the grain sample; that further provide a fair quantification of insect infestation level. The present invention is a mechanical device, simple in design and fabrication, portable and in-expensive that provides a unique movement to the grain sample. As a result of the unique movement of clock-wise and anticlock-wise, the hiding insects frightened, scared, wander and then screened out from the grain sample. The device can be suitably used to detect variety of different insects such as: grain borer, rice weevil, red flour beetle, rusty grain beetle, and saw-tooth grain beetle in numerous types of cereals, pulses and oilseeds and similar commodity that become infested during storage. This device is also capable to detect the carry over infestation from the field harvest. Various embodiments of the said device are disclosed including the procedure of its effective use.

Classifications:
International (IPC 1-7): A01M1/02 G01N29/00

PatBase - IN00480DE2008_A



Family:

Publication number	Publication date	Application number	Application date
IN00480DE2008 A	20090904	IN2008DE00480	20080229

Probable Assignee: INDIAN COUNCIL OF AGRICULTURAL RESEARCH ICAR
Assignee(s): INDIAN COUNCIL OF AGRICULTURAL RESEARCH ICAR
Inventor(s): DR ABHAY KUMAR THAKUR ; DR RAMABHAU TUMADU PATIL ; DR VITTHAL RUPRAO BHAGWAT

3) Family number: 31522006 (US2005031546A)

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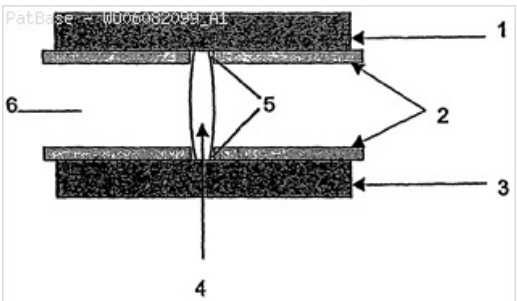
Title: ABUSE-PROFFED DOSAGE FORM

Abstract: The present invention relates to an abuse-proofed, thermoformed dosage form containing, in addition to one or more active ingredients with abuse potential optionally together with physiologically acceptable auxiliary substances, at least one synthetic or natural polymer with a breaking strength of at least 500 N and to a process for the production thereof.

FDA Data:

Application number	Active ingredient	Proprietary name	Applicant	Date of approval
022272	OXYCODONE HYDROCHLORIDE □□	OXYCONTIN □□	PURDUE PHARMA LP	Apr 5, 2010
200533	TAPENTADOL HYDROCHLORIDE □□	NUCYNTA ER □□	DEPO NF	Aug 25, 2011
200533	TAPENTADOL HYDROCHLORIDE □□	NUCYNTA ER □□	DEPOMED INC	Aug 25, 2011
200533	TAPENTADOL HYDROCHLORIDE □□	NUCYNTA ER □□	JANSSEN PHARMS	Aug 25, 2011
200533	TAPENTADOL HYDROCHLORIDE □□	NUCYNTA ER □□	ORTHO MCNEIL JANSSEN	Aug 25, 2011
201655	OXYMORPHONE HYDROCHLORIDE □□	OPANA ER □□	ENDO PHARMS	Dec 9, 2011
206627	HYDROCODONE BITARTRATE □□	HYSINGLA □□	PURDUE PHARMA LP	Nov 20, 2014

Classifications:
International (IPC 8-9): A61K9/22 A01N43/42 A61J3/00 A61J3/06 A61J3/07 A61J3/10 A61K A61K31/00 A61K31/135 A61K31/137 A61K31/16 A61K31/277 A61K31/4164 A61K31/439 A61K31/4418 A61K31/4422 A61K31/4458 A61K31/4725 A61K31/485 A61K31/513 A61K31/515 A61K31/55 A61K31/551 A61K31/5513 A61K31/554 A61K36/18 A61K36/67 A61K36/74 A61K36/81 A61K36/8962 A61K36/9066 A61K36/9068 A61K45/00 A61K45/06 A61K47/10 A61K47/30 A61K47/32 A61K47/34 A61K47/36 A61K47/38 A61K47/44 A61K49/00 A61K551/00 A61K9/00 A61K9/10 A61K9/14 A61K9/16 A61K9/20 A61K9/26 A61K9/28 A61K9/44 A61K9/48 A61K9/52 A61P1/00 A61P13/00 A61P17/00 A61P19/00 A61P25/00 A61P25/02 A61P25/04 A61P25/30 A61P25/36 A61P27/00 A61P29/00 A61P37/00 A61P5/00 A61P7/00 A61P9/00 B06B1/02 B29B7/00 B29B9/02 B29B9/12 B29C43/00 B29C43/02 B29C47/00 B29C47/06 B29C47/40 B29C47/60 B30B11/16 B30B11/34 C12Q1/68 (Advanced/Invention);
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A61K31/00 A61K31/135 A61K31/137 A61K31/439 A61K31/485 A61K31/513 A61K31/551 A61K45/00 A61K47/10 A61K47/30



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A61J3/06 A61J3/10 (Core/Non-invention);
A61K (Subclass/Invention)
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US: 264/109 264/115 264/118 264/141 264/143 264/145 264/148 264/176.1 264/176.100S 264/210.1 264/210.100S 264/211.12 264/211.120S 264/211.23 264/211.230S 264/211.24 264/239 264/239S 264/319 264/331.11 264/442 264/443 264/443P 264/444 264/85 264/85S 424/10.1 424/10.100P 424/10.100S 424/10.2 424/10.200P 424/10.3 424/10.300P 424/10.4 424/10.400S 424/400 424/451 424/452 424/457 424/464 424/465 424/465P 424/465S 424/468 424/469 424/474 424/484 424/485 424/485P 424/486 424/486S 424/489 424/501 424/501S 424/725 424/734 424/754 424/756 424/760 424/773 424/773S 427/2.14 427/2.21 435/6.1 514/211.07 514/217 514/282 514/282S 514/284 514/284S 514/356 514/523 514/646 514/646S 514/647 514/654 514/654S 514/772.3 514/772.4 514/772.7 514/781 514/785

Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: GRUNENTHAL GMBH

Assignee(s): (std)**:** BARTHOLOMAEUS JOHANNES ; BARTHOLOMAUS JOHANNES ; KUGELMANN HEINRICH ; GRUENENTHAL GMBH ; GRUENENTHAL CHEMIE ; GR NENTHAL GMBH ; GRJUNENTAL GMBKH ; ARKENAU ELISABETH ; ARKENAU MARIC ELISABETH ; ASHWORTH JUDY ; GRNENTHAL GMBH

Assignee(s): MORGAN STANLEY SENIOR FUNDING INC ADMINISTRATIVE AGENT AS ; ASTORA WOMEN S HEALTH HOLDINGS LLC ; GRUNENTHAL GMBH ; JPMORGAN CHASE BANK NA ADMINISTRATIVE AGENT AS ; MORGAN STANLEY SENIOR FUNDING INC ADMINISTRATIVE A ; ENDO PHARMACEUTICALS INC ; ENDO PHARMACEUTICALS SOLUTIONS INC ; DEUTSCHE BANK NEW YORK BRANCH COLLATERAL AGENT AG AS

Inventor(s): (std)**:** BARTHOLOMAUS JOHANNES ; KUGELMANN HEINRICH ; BARTHOLOMAEUS JOHANNES ; ARKENAU ELISABETH ; ARKENAU MARIC ELISABETH ; ARKENAU MARIC ELISABETH DR ; ASHWORTH JUDY ; BARTHOLOMOUS JOHANNES ; ARKENAU MERIAE ELISABETH ; BARTHOLOMAEUS JOHANNES KUGELMA ; HEINRICH BARTHOLOMAEUS JOHANNE ; BARTHOLOMAEUS JOHANNES DR ; BARTHOLOMEUS JOHANNES ; KUGEL MANN GENRIKH ; BARTOLOMEHUS IOGANNES ; ARKENAU MARITS EHLIZABET ; BARTHOLAM USJOHANNES ; JOHANNES ARKENAU MARIC ELISABE ; ELISABETH ARKENAU MARIC DR ; ELISABETH ARKENAU MARIC ; JOHANNES BARTHOLOMOS ; JUDY ASHWORTH ; ARKENAU MARIC ELIZABETH ; ARKENAU ELIZABETH ; BARTHOLOMAUS JOHANNES KUGELMAN ; ELISABETH ARKENAU ; BARTHOLOMAEUS JOHANNESS ; BARTHOLOMAS JOHANNES ; BARTOLOMOJS IOGANNES ; ASHUORT DZHUDI ; JUDY ASHWORTH DR ; JOHANNES BARTHOLOMAEUS DR ; ASHWORTH DR JUDY ; ASHWORTH JUDY DR ; JOHANNES ARKENAU ELISABETH BAR ; HEINRICH KUGELMANN ; JOHANNES BARTHOLOMOUS ; ELISABETH ARKENAU MERIAE ; JOHANNES BARTHOLOMAUS ; MARIC ELISABETH ARKENAU ; BARTHOLOMAUS JOHANNES DR ; BARTHOLOMUS JOHANNES ; JOHANNES BARTHOLOMAEUS

Inventor(s): KUGELMANN ; BARTHOLOMAEUS JOHANNES KUGELMANN HEINRICH ARKENAU MARIC ELISABETH DR ; ARKENAU ELISABETH BARTHOLOMAEUS JOHANNES ; HEINRICH ; JOHANNES ; BARTHOLOMAUS ; BARTHOLOMAUS JOHANNES ARKENAU ELISABETH ; BARTHOLOMAUS JOHANNES ASHWORTH JUDY ARKENAU MARIC ELISABETH HEINRICH KUGELMANN ; ARKENAU MARI AND 262 ELISABETH ; KUGEL'MANN GENRIKH ; ARKENAU-MARITS EHLIZABET ; BARTHOLOMAUS JOHANNES KUGELMANN HEINRICH ; ELIZABETH ARKENAU MARIC ; BARTHOLOMOS JOHANNES ; JOHANNES BARTHOLOMEUS ; ELISABETH DR ARKENAU MARIC ; USJOHANNES BARTHOLAM ; BARTHOLOMAEUS JOHANNES KUGELMANN HEINRICH ; BARTHOLOMAEUS JOHANNES KUGELMANN HEINRICH ARKENAU

Agent(s): COLLISON AND CO; ALLENS PATENT AND TRADE MARK ATTORNEYS; SPRUSON AND FERGUSON; SIM AND MCBURNEY; FETHERSTONHAUGH AND CO; BORDEN LADNER GERVAIS LLP; SMART AND BIGGAR; CLARKE; KUTZENBERGER WOLFF AND PARTNER PATENTANWALTSPARTNERSCHAFT MBB; BUELLE JAN; KUTZENBERGER HELGA; AZNAREZ PABLO; WILLIAMS DAVIS HILL AND CO; WENPING AND CO; REINHOLD COHN AND PARTNERS; DR SHLOMO COHEN AND CO; TUGBA DERYA YILMAZ; HALISE BETUEL ATABAY VARLIK; CEREN AYYUEREK; PERMAN AND GREEN; NORRIS MCLAUGHLIN AND MARCUS PA; BRISCOE KURT G NORRIS MCLAUGHLIN AND MARCUS PA; NORRIS MCLAUGHLIN AND MARCUS P A; NORRIS MCLAUGHLIN PA

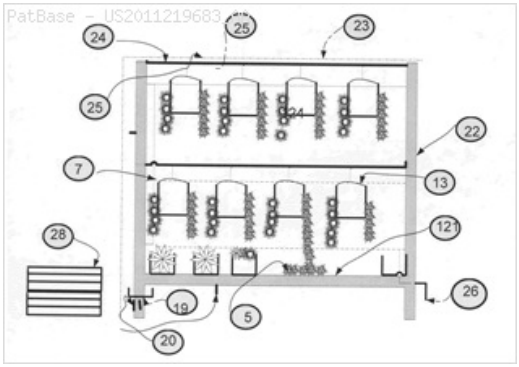
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4) Family number: 49559007 (US2011219683A)

Title: PLANT, VEGETABLE AND HERB GROWING SYSTEM

Abstract: The Plant Growing System "PGS" is a convenient and easy way to grow a high yield plant/vegetable/herb garden in a limited space within a self-contained watering and fertilization system. The PLANT, VEGETABLE AND HERB GROWING SYSTEM design allows plants to receive essential and critical nutrients through a self-contained irrigation and natural (worm) cultivating root system. With the PLANT, VEGETABLE AND HERB GROWING SYSTEM you can grow plants, herbs or vegetables indoor with UV lamps or outdoor in direct sunlight using either soil based growing methods or hydroponic growing methods. The PLANT, VEGETABLE AND HERB GROWING SYSTEM has built in pest deterrence techniques to keep unwanted animals from attacking the plants, herbs and vegetables. The PLANT, VEGETABLE AND HERB GROWING SYSTEM can be restricted to confined areas and used on apartment patios, small backyards, basements or small area with a yield of greater than 10 times of that of traditional gardening methods. Yield is 1:N-growing ratio, compared to traditional farming. For purpose of this provisional patent document, the system will be referred to PLANT, VEGETABLE AND HERB GROWING SYSTEM for plant growing system. The plant system has a weed control system for the containers. That blocks the sun light and prevents weeds from growing in the plant containers.

Classifications:
International (IPC 8-9)**:** A01G13/02 A01G25/00 A01G9/02 (Advanced/Invention)
CPC: A01G9/022
European: A01G9/02C
US: 47/20.1 47/20.100S 47/31 47/31P 47/65.5 47/65.500S 47/79 47/79S



Family:

Publication number	Publication date	Application number	Application date
US2011219683 AA	20110915	US20100781677	20100517

Priority:

US20090179356P 20090518 US20100781677 20100517

Probable Assignee: SUTTON DONALD J SUTTON

Assignee(s): (std)**:** SUTTON DONALD J SUTTON

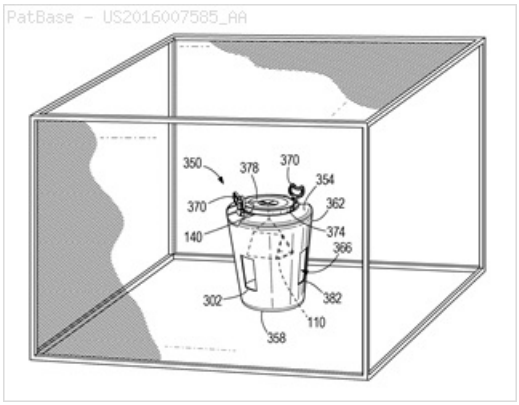
Inventor(s): (std)**:** SUTTON DONALD J SUTTON

5) Family number: 61380008 (US2016007585A)

Title: INSECT CONTROL DEVICE

Abstract: A bait station comprising a housing that comprises a flexible portion; a composition contained on or in the housing and comprising at least one sugar and at least one toxin; an insert coupled to the housing; and at least one olfactory attractant contained in the insert.

Classifications:
International (IPC 8-9)**:** A01M1/02 A01M1/10 A01M1/20 A01N25/18 A01N43/22 (Advanced/Invention)
CPC: A01N43/22 A01N25/006 A01N27/00 A01N35/02 A01N37/40 A01N49/00 A01M1/106 A01M1/2016 A01M1/2011 A01M1/02 A01M1/026 A01M1/04
US: 424/84 43/131 43/132.1 514/28



Family:

Publication number	Publication date	Application number	Application date
US2016007585 AA	20160114	US20150793700	20150707
US2016073622 AA	20160317	US20150948202	20151120
WO16007559 A1	20160114	WO2015US39450	20150707
WO16094066 A1	20160616	WO2015US62016	20151120

Priority:

US20140022180P 20140708 US20140083294P 20141123 US20150137534P 20150324
US20150793700 20150707 US20150948202 20151120

Probable Assignee: CLARKE MOSQUITO CONTROL PRODUCTS INC

Assignee(s): (std)**:** CLARKE MOSQUITO CONTROL PRODUCTS INC ; NJIRU BASILIO NGARI ; OHIO STATE INNOVATION FOUNDATION

Inventor(s): (std)**:** JANY WILLIAM ; FOSTER WOODBRIDGE A ; NJIRU BASILIO NGARI ; MILLINER JOHN ; ALEXANDER DANIEL ; EBRAHIMI BABAK ; ALEXANDER DON ; WALKER EDWARD D

Agent(s): SCHMITT MARSHALL J

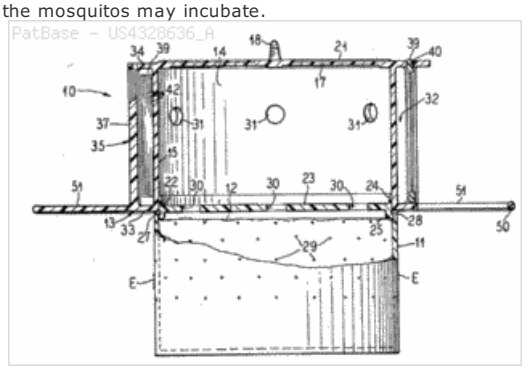
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6) Family number: 8559012 (US4328636A)

Title: DEVICE FOR INSECT CONTROL AND METHOD

Abstract: An insect controlling device and method which provides an environment within foraminous barrier to which at least certain fertilized female insects will be attracted to deposit their eggs, and in the barrier assuring wasting of the thus deposited insect eggs. The barrier may take a number of different forms for selectively controlling various species of insects, such as fruit flies, house flies, mosquitos and the like. The barrier may serve the dual function of insect control and predatory creature food supply, such as a bird feeder, fish feeder, or the like. For mosquito control the barrier prevents hatched mosquito larva or mosquitos from escaping a body of water in which the mosquitos may incubate.

Classifications:
International (IPC 8-9): A01K39/01 A01K61/02 A01K61/85 A01M1/02 A01M1/10 (Advanced/Invention);
A01K39/00 A01K61/02 A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/10
CPC: A01M1/106 A01K39/0106 A01K61/85 A01M1/02 A01M2200/012 Y02A40/845 Y02A50/371
European: A01K39/01A A01K61/02B A01M1/02 A01M1/10 A01M1/10F K01M200/012 K01M201/02
US: 119/51.04 119/57.8 43/107 43/118 43/122



Family:

Publication number	Publication date	Application number	Application date
US4328636 A	19820511	US19800164260	19800630

Priority:
US19800164260 19800630

Probable Assignee: JOHNSON RICHARD D
Assignee(s): (std): JOHNSON RICHARD D
Inventor(s): (std): JOHNSON RICHARD D

7) Family number: 62416012 (IN03595MU2014A)

Title: A COMPOSITION TO CONTROL MOSQUITO BREEDING

Abstract: Mosquitoes have become menace for mammals, including human. They are responsible for a number of viral and parasitic diseases. Considering its life cycle and limited life span, it appears that Mosquito Breeding Stage (MBS) is the time to control the mosquitoes as, at this stage they has eggs and larvae, which has limited mobility and feeding mechanism. The present invention relates to the composition to control mosquito breeding in which inoculum is made from the naturally occurring strains of Lactobacillus coagulans and Saccharomyces cervisiae. The present composition infuses enzymes and bio-chemicals for controlled decomposition of organic matter which makes food inedible for them which reduces eggs hatchability and ultimately controls breeding of Mosquitoes. The present invention also reduces foul odor from the water logged bodies and controls the breeding of flies.

Classifications:
International (IPC 8-9): A01N27/00 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
IN03595MU2014 A	20160520	IN2014MU03595	20141114

Priority:
IN2014MU03595 20141114

Probable Assignee: CHATURVEDI VIPUL DHIRENDRAKUMAR
Assignee(s): CHATURVEDI VIPUL DHIRENDRAKUMAR
Inventor(s): CHATURVEDI VIPUL DHIRENDRAKUMAR

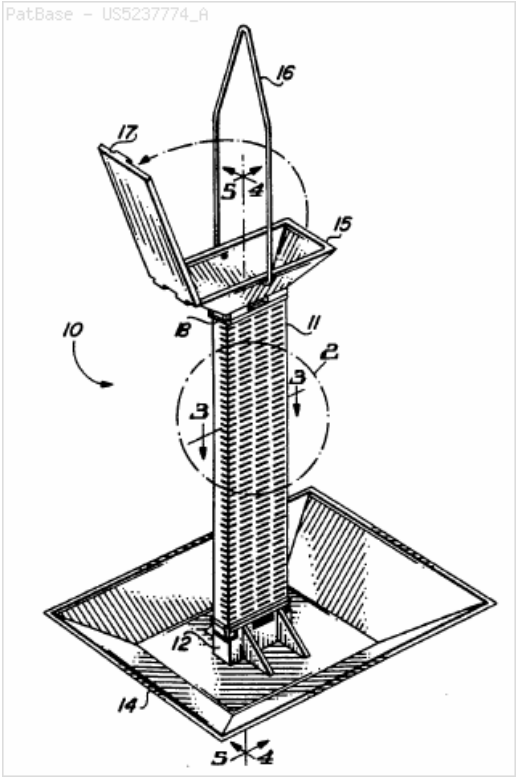
8) Family number: 11264014 (US5237774A)

Title: Container for granular insecticide

Abstract: A container for granular insecticide having a central chamber with a narrow rectangular cross sectional area. A multiplicity of rectangular slots are formed in rows and columns in the chamber to provide access to the insecticide and also enhance its attractantcy properties. The slots are dimensioned to contain the granular material while permitting access thereto by the feeding parts of the insects.

Classifications:
International (IPC 8-9): A01M1/20 (Advanced/Invention);
A01M1/20 (Core/Invention)
International (IPC 1-7): A01M25/00
CPC: A01M1/2016 A01M1/2005 A01M2200/012

European: A01M1/20B A01M1/20B2 A01M1/20C A01M25/00 K01M200/012 K01M201/02
US: 43/131



Family:

Publication number	Publication date	Application number	Application date
US5237774 A	19930824	US19910796803	19911125

Priority:
US19910796803 19911125

Probable Assignee: FARNAM CO INC

Assignee(s): (std)**:** FARNAM CO INC ; FARNAM COMPANIES INC

Assignee(s): JPMORGAN CHASE BANK NATIONAL ASSOCIATION ADMINISTR ; JPMORGAN CHASE BANK NATIONAL ASSOCIATION ADMINISTRATIVE AGENT AS ; JPMORGAN CHASE BANK NATIONAL ASSOCIATION AS ADMINI

Inventor(s): (std)**:** WARNER WILLIAM B

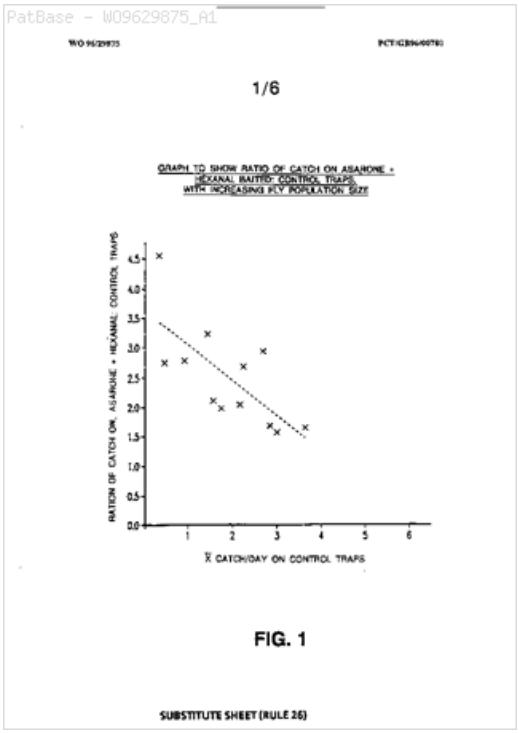
9) Family number: 20621016 (WO9629875A1)

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Title: INSECT MONITORING SYSTEMS AND TRAPS

Abstract: The invention relates to an insect monitoring system or trap and related method and more particularly though not exclusively to a system for monitoring and trapping pests which feed off umbilliferous plants. In accordance with an aspects of the invention there is provided an insect monitoring system or trap which incorporates a plant volatile as a chemical attractant. In order to attract the insect to the trap it is preferred to use at least two chemical attractants at least one of which is a plant volatile. Preferably, the at least two, chemical attractants include a longer range semio-chemical attractant which is a substantially volatile compound and a shorter range semio-chemical attractant which is a substantially less-volatile compound.

Classifications:
International (IPC 8-9): A01N25/18 A01N35/02 A01N65/00 (Advanced/Invention);
A01N25/18 A01N35/00 A01N65/00 (Core/Invention)
International (IPC 1-7): A01N25/34 A01N31/16 A01N35/02 A01N65/00
CPC: A01N35/02 A01N25/18 A01N65/00 A01N65/06 A01N65/10
European: A01N25/18 A01N35/02 A01N65/00



Family:

Publication number	Publication date	Application number	Application date
AU199651572 A1	19961016	AU19960051572	19960401
GB9506705 A0	19950524	GB19950006705	19950331
WO9629875 A1	19961003	WO1996GB00780	19960401

Priority:

GB19950006705 19950331 WO1996GB00780 19960401

Probable Assignee: BILLINGTON EDWARD LTD

Assignee(s): (std)**:** BILLINGTON EDWARD LTD ; PICKETT JOHN ANTHONY

Assignee(s): EDWARD BILLINGTON AND SON LIMITED ; EDWARD BILLINGTON AND SON LTD

Inventor(s): (std)**:** PICKETT JOHN ANTHONY

Inventor(s): JOHN ANTHONY PICKETT

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

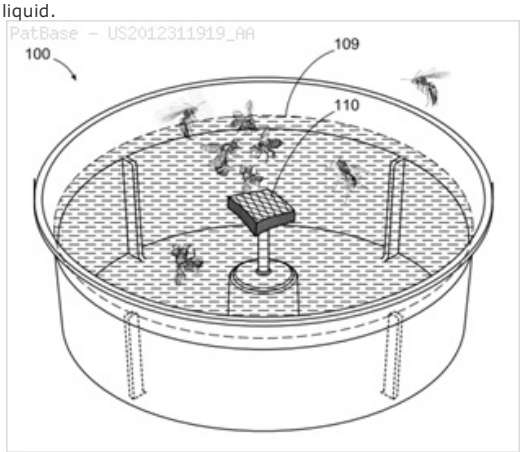
10) Family number: 52545018 (US2012311919A)

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Title: FLYING PEST TRAP

Abstract: Disclosed embodiments are directed towards providing a flying pest trap. Exemplary embodiments may include a bowl having an island feature positioned such that a moat is created within the bowl. In some embodiments, a bait holding mechanism may extend perpendicularly upward from the island feature. In other embodiments, bait holding mechanisms may be anchored on the island feature and operable to extend over the moat. In other embodiments, bait holding mechanisms may be anchored at intervals along the exterior wall and operable to extend toward the center of the bowl. In operation, embodiments may be filled with a liquid such as soapy water. A bait substance for attracting certain insects may be placed on one or more of the bait spikes. When insects, such as wasps, are attracted to the bait, the erratic flight of the insects may cause them to come into contact with, and drown in, the liquid.

Classifications:
International (IPC 8-9): A01M1/10 (Advanced/Invention)
CPC: A01M1/106
US: 43/107



Family:

Publication number	Publication date	Application number	Application date
US2012311919 AA	20121213	US20110158285	20110610

Priority:

US20110158285 20110610

Probable Assignee:	HARDIGREE WALTER T
Assignee(s): (std)**:**	HARDIGREE WALTER T
Inventor(s): (std)**:**	HARDIGREE WALTER T

11) Family number: 28447021 (US6543181B)

Title: Fruit fly attractant compositions

Abstract: A Drosophila fruit fly attractant composition including: a volatile short chain carboxylic acid, a volatile short chain alcohol, a volatile aryl substituted alcohol, and a nitrogen compound. The invention also includes Drosophila fruit fly attractant-trapant compositions.

Classifications:
International (IPC 8-9): A01M1/02 A01N37/02 (Advanced/Invention)
International (IPC 1-7): A01M1/20 A01N25/00 A61K31/405
CPC: A01M1/02 A01M2200/012 A01N37/02
European: A01M1/02 A01M1/02B A01N37/02 K01M200/012 K01M201/02
US: 424/84 43/107 431/70 514/415

Family:

Publication number	Publication date	Application number	Application date
US6543181 BA	20030408	US20010888141	20010622

Priority:

US20010888141 20010622

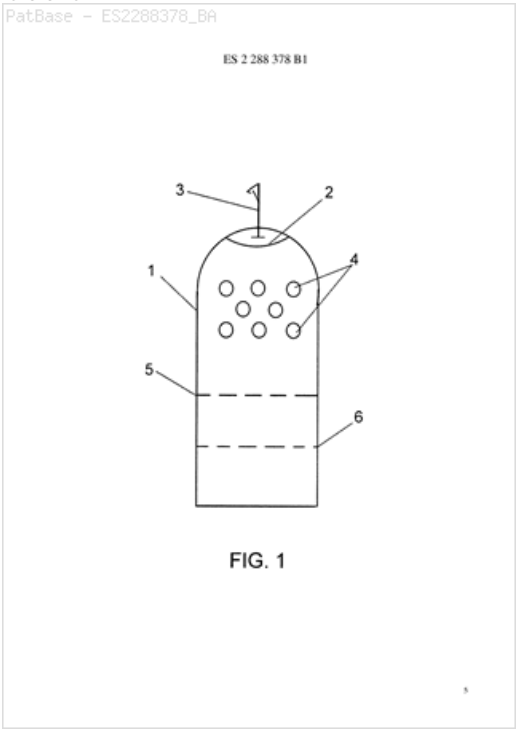
Probable Assignee:	IOWA STATE UNIV RESEARCH FOUNDATION INC
Assignee(s): (std)**:**	UNIV IOWA STATE RES FOUND INC
Assignee(s):	IOWA STATE UNIV ; IOWA STATE UNIV RESEARCH FOUNDATION INC ; IOWA STATE UNIVERSITY RESEARCH FOU ; IOWA STATE UNIVERSITY RESEARCH FOUNDATION INC
Inventor(s): (std)**:**	BAKER THOMAS C ; PARK KYE CHUNG ; ZHU JUNWEI

12) Family number: 41114021 (ES2288378B)

Title: INSECTICIDA ECOLOGICO

Abstract: The insecticide is materialized in a mixture of skin, thorns and other residues of dehydrated codfish. The mixture is crushed or pulverized, and is introduced in a container with orifices that allow the access of the fruit fly to their interior. The intense odor is generated by the decomposition of the codfish residues. The natural products are used in such a manner that the ecological products do not repel negatively in the environmental medium. The attraction to flies is obtained such that the flies die in the interior of the container as they are not able to find the exit.

Classifications:
International (IPC 8-9): A01M1/10 A01N63/00 (Advanced/Invention); A01M1/00 A01N63/00 (Core/Invention)
CPC: A01M1/106 A01N63/00
European: A01M1/10F A01N63/00



Family:

Publication number	Publication date	Application number	Application date
ES2288378 AA	20080101	ES20050002786	20051103
ES2288378 BA	20081116	ES20050002786	20051103

Priority:

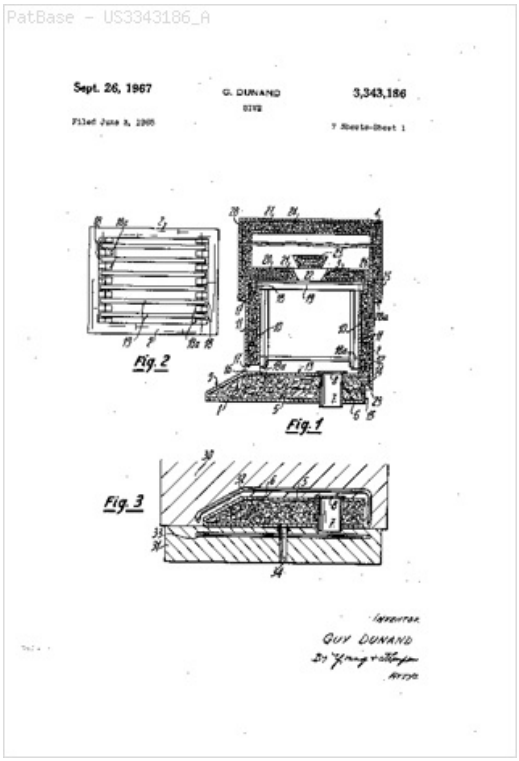
ES20050002786 20051103

Probable Assignee: REVERT MONTES FRANCISCO
Assignee(s): (std)**:** REVERT MONTES FRANCISCO ; REVERT MONTES MANUEL
Assignee(s): MANUEL REVERT MONTES
Inventor(s): (std)**:** REVERT MONTES MANUEL ; REVERT MONTES FRANCISCO
Inventor(s): FRANCISCO REVERT MONTES ; MANUEL REVERT MONTES

13) Family number: 21559021 (US3343186A)

Title: Hive

Abstract: (Claim 1) 1. A hive comprisin._ a hive body, a feed basin cov- ering the hive body, the basin having an openin.- through the bottom thereof to permit bees to pass to the upper side of the feed basin, an upstandin.- marginal flange about said opening to prevent liquid feed from flowin.- tbtough said openin.-I and a cover carried by said basin and spaced from and surrotinding said flange, said cover havin.- openings therethrough of a size to permit the flow of feed to adjacent said flange but to prevent bees from passing through the cover.
Classifications:
International (IPC 8-9): A01K47/00 (Advanced/Invention)
International (IPC 1-7): A01K47/00
CPC: A01K47/00
European: A01K47/00
US: 449/30 449/9



Family:

Publication number	Publication date	Application number	Application date
CH418721 A	19660815	CH19640007851	19640612
CH440819 A	19670731	CH19650007959	19650608
DE1296868 B	19690604	DE1965D047492	19650611
ES314070 A1	19660901	ES19650314070	19650610
FR1443479 A	19660624	FR19650019681	19650604
US3343186 A	19670926	US19650461102	19650603

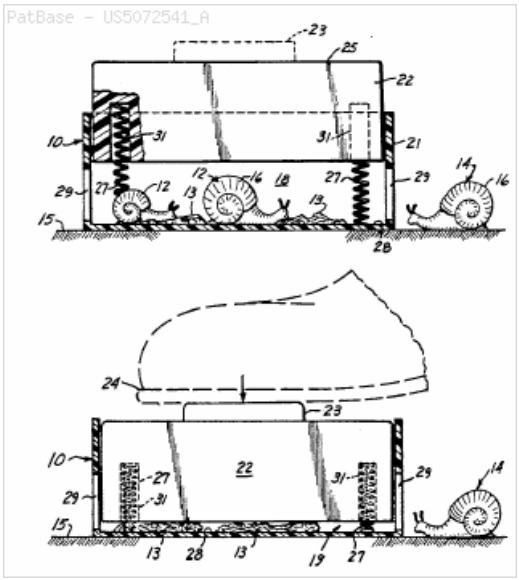
Priority:
CH19640007851 19640612 CH19650007959 19650608
Probable Assignee: LOUIS CHRISTIN
Assignee(s): (std)**:** CHRISTIN LOUIS ; DUNAND GUY ; DUNAND GUY PORT DE SECHEX PAR ; LOUIS CHRISTIN
Assignee(s): DUNAND GUY PORT DE SECHEX PAR MARGENCEL
Inventor(s): (std)**:** GUY DUNAND ; DUNAND GUY ; CHRISTIN LOUIS

14) Family number: 4872026 (US5072541A)

Title: Methods and apparatus for destroying snails

Abstract: Methods and apparatus for destroying snails avoid a cleanup problem by causing live snails to cannibalize snail carcasses. To this end, snail carcasses are provided in a trap which is made accessible to live snails for consumption of the snail carcasses. The trap preferably is of a collapsible type or is otherwise provided with first volume permitting entry of live snails into the trap, and is reducible to a second volume insufficient to accommodate live snails, whereby such live snails are crushed. Further live snails are then permitted to cannibalize the crushed snails by restoring the trap to its first volume for entry of the further live snails into the trap. The first volume may be reduced to the second volume against a bias, which is employed to restore the trap to its first volume. Operation of these methods and apparatus may be tied in with a sprinkler system or other apparatus for providing a pressurized medium from time to time. In that case, the live snails may be crushed in the trap with that pressurized medium or the trap may be actuated from time to time with pressure from water applied to a sprinkler system.
Classifications:
International (IPC 8-9): A01M23/02 A01M25/00 (Advanced/Invention);
A01M23/00 A01M25/00 (Core/Invention)

International (IPC 1-7): A01M1/10 A01M23/08
CPC: A01M23/02 A01M25/008
European: A01M1/20E A01M23/02 A01M25/00D
US: 43/110 43/124



Family:

Publication number	Publication date	Application number	Application date
US5072541 A	19911217	US19860922164	19861023

Priority:

US19860922164 19861023

Probable Assignee: BENOIT LUC P

Assignee(s): (std)**:** BENOIT LUC P ; CHANG MILTON M T

Inventor(s): (std)**:** BENOIT LUC P ; CHANG MILTON M T

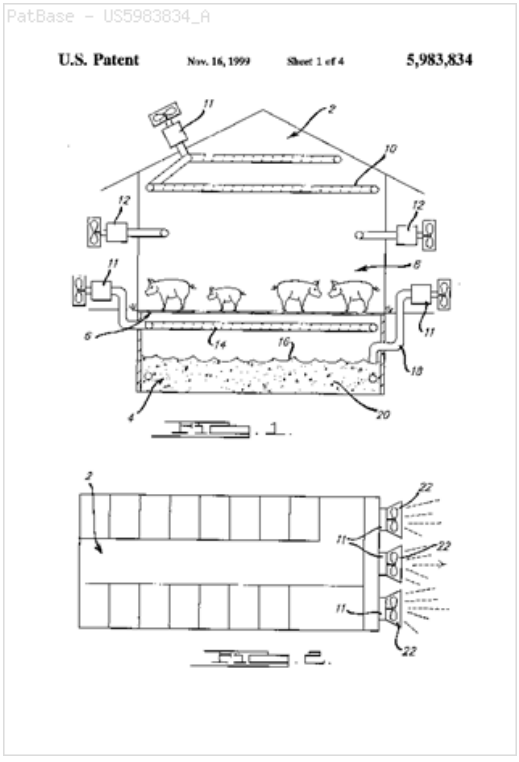
15) Family number: 15647031 (US5983834A)

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Title: Ozone injection system for a livestock building

Abstract: A method and system for ozone injection into a livestock building is described. Ozone is homogeneously transferred, preferably from a remote location, throughout the air in the building at levels considered safe by OSHA. Ozone thus affects a reduction in dust, flies, and relative humidity, thereby inhibiting primary disease-causing vectors. Ozone is also homogeneously distributed through an upper stratum of manure liquid contained within a pit in the building thereby creating an aerobic "cap", while still maintaining an anaerobic lower stratum. A perforated tube or plurality of tubes fixed within the upper stratum serves to distribute the ozone. Ozone applied in this environment unexpectedly inhibits the fly population through retardation of larvae maturation. Alternately, a buoyant vehicle propelled across the surface 19 of the liquid may also serve to distribute the ozone and create the ozonated "cap". The vehicle provides an additional benefit of crust fragmentation and prevention thereby further inhibiting and eliminating fly propagation, and hygienically improving pit operation. In either embodiment, the ability to create an aerobic and anaerobic balance within the liquid facilitates a reduction in odor, a significant improvement of organic digestion and solids control, and a reduction in pathogens often found in water recycled from the containment area

Classifications:
International (IPC 8-9): A01K1/00 A01K13/00 A01M17/00 C01B13/10 (Advanced/Invention);
A01K1/00 A01K13/00 A01M17/00 C01B13/10 (Core/Invention)
International (IPC 1-7): A01K1/00 B01J19/08 C01B13/10
CPC: A01K1/0047 A01K13/003 A01M13/003 C01B13/10
European: A01K1/00D A01K13/00D A01M13/00E C01B13/10
US: 119/448 422/186.07



Family:

Publication number	Publication date	Application number	Application date
AU199910843 A1	19990503	AU19990010843	19981014
US5983834 A	19991116	US19980170445	19981013
US6276304 BA	20010821	US19990285568	19990402
WO9918775 A1	19990422	WO1998US21653	19981014

Priority:

US19970062398P 19971014 US19980088404P 19980608 US19980170445 19981013
WO1998US21653 19981014 US19990285568 19990402

Probable Assignee: TAI PAUL LING

Assignee(s): (std): TAI PAUL LING

Assignee(s): PAUL LING TAI

Inventor(s): (std): TAI PAUL LING

Inventor(s): PAUL LING TAI

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HR HU ID IE IL IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 UA UG US UZ VN YU ZW

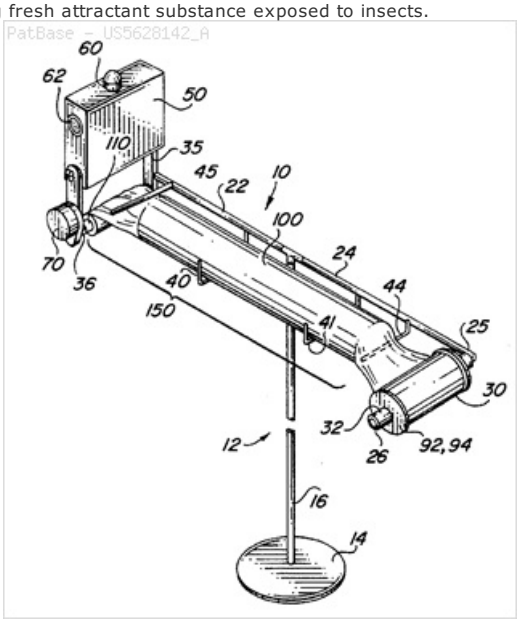
16) Family number: 8519034 (US5628142A)

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Title: Apparatus and method for attracting and trapping insects

Abstract: An apparatus and method of attracting and trapping insects which includes an elongate strip of trapping material having a sticky substance thereon. In one embodiment, the trapping material provides a tubular trapping area. The trapping material is unwound from a feed roll across feed rollers to a take-up roller. The trapping area is provided between the feed rollers. The supply and feed rollers and take-up rollers may be contained in a cartridge which is disposable. The cartridge can be inserted in a housing having auxiliary components such as electrical components and lighting. The drive motor may be provided for automatically and intermittently advancing the take-up roller such that new sections of trapping material are automatically advanced into the trapping section, thereby maintaining fresh attractant substance exposed to insects.

Classifications:
International (IPC 8-9): A01M1/00 A01M1/02 A01M1/04 A01M1/10 A01M1/14 A01M1/16 (Advanced/Invention);
A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/00 A01M1/02 A01M1/04 A01M1/10 A01M1/14 A01M1/16
CPC: A01M1/02 A01M1/145
European: A01M1/02 A01M1/04 A01M1/14 A01M1/14B
US: 43/111 43/113 43/114 43/115 43/116 43/136 431/140 431/150



Family:

Publication number	Publication date	Application number	Application date
AU199480925 A1	19950522	AU19940080925	19941026
AU698253 B2	19981029	AU19940080925	19941026
CA2174965 AA	19960424	CA19942174965	19941026
JP9504178 T2	19970428	JP19950512806T	19941026
MXPA94008419 A1	20050429	MX19940008419	19941028
US5628142 A	19970513	US19940314197	19940928
US5634292 A	19970603	US19930145415	19931029
WO9511589 A1	19950504	WO1994US12296	19941026

Priority:

US19930145415 19931029 US19940314197 19940928 WO1994US12296 19941026

Probable Assignee: HENRY DAWN

Assignee(s): (std): ROGER L KITTERMAN ; KITTERMAN ROGER L

Assignee(s): KITTERMAN ROGER ; MOOR DENISE ; DAWN HENRY ; GEORGENE KITTERMAN ; HARDESTY DAVID R ; HARDESTY LAWRENCE D ; HENRY DAWN

Inventor(s): (std): KITTERMAN ROGER ; HARDESTY LAWRENCE D ; HARDESTY DAVID R ; DAVID R HARDESTY ; KITTERMAN ROGER L

Inventor(s): ROGER L KITTERMAN

Agent(s): PHILLIPS ORMONDE FITZPATRICK; BORDEN LADNER GERVAIS LLP

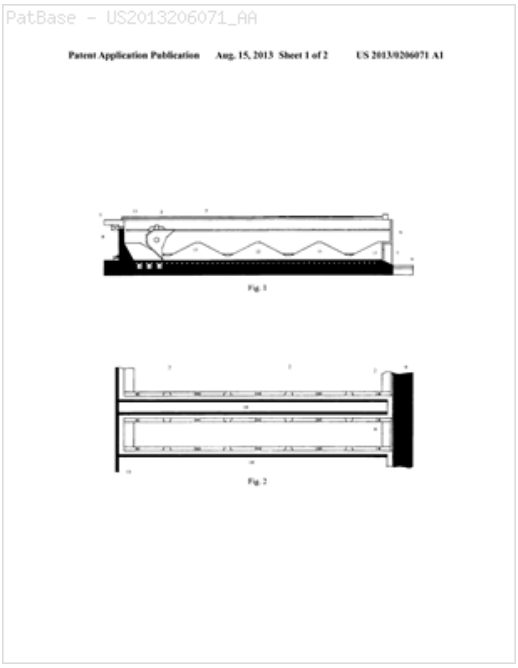
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17) Family number: 50757037 (US2013206071A)

Title: PLANT AND METHOD FOR ORGANIC WASTE BIOCONVERSION AND MUNICIPAL WASTE BIOSTABILIZATION

Abstract: System for the bio-treatment of organic waste by means of insect larvae comprising a tank provided with removable cover and means for ventilation and temperature control able to induce migration of the larvae outside the waste mass when in a desired larval development stadium, means for distributing in many times the various waste layers and for removing the same at the end of the treatment and means for distributing the larvae inside the tank and for collecting and storing the larvae at the end of the treatment. Method for the bio-treatment of organic waste by means of larval stadium insects provided with the step of placing a first waste layer inside a tank (1), placing insect larvae or eggs on said layer and adding other waste layers at prefixed and shorter time intervals than the larvae development time, inducing the spontaneous migration of the larvae towards suitable collecting areas by means of temperature and humidity control and removing the treated waste from the tank

Classifications:
International (IPC 8-9): A01K67/033 C05C11/00 C05F17/00 C05F9/04 (Advanced/Invention)
CPC: C05F17/0009 A01K67/033 C05C11/00 Y02P20/129 Y02P20/145 Y02W30/43 C05D1/00 C05D9/00 C05F1/005 C05F9/04 C05F11/02 C05F11/04
European: A01K67/033 C05C11/00 C05F17/00B
US: 1/1 119/6.5



Family:

Publication number	Publication date	Application number	Application date
BR112013005024 A2	20160531	BR20131105024	20110831
EP2646398 A2	20131009	EP20110768121	20110831
IT1401796 B1	20130828	IT2010BA00032	20100903
ITBA20100032 A1	20120304	IT2010BA00032	20100903
US2013206071 AA	20130815	US20110820518	20110831
US9428426 BB	20160830	US20110820518	20110831
WO12029041 A2	20120308	WO2011IB53823	20110831
WO12029041 A3	20120913	WO2011IB53823	20110831

Priority:
IT2010BA00032 20100903 WO2011IB53823 20110831

Probable Assignee: BIOCONVERSION SRL

Assignee(s): (std): BIOCONVERSION S R L ; BIOCONVERSION SRL ; CAPRIO ; CAPRIO FRANCESCO ; DE GENNARO DANIELE ; GORGONE GIOVANNI ; RONCONE MASSIMILIANO

Inventor(s): (std): DE GENNARO DANIELE ; CAPRIO FRANCESCO ; GORGONE GIOVANNI ; RONCONE MASSIMILIANO ; GENNARO DANIELE DE

Inventor(s): DANIELE DE GENNARO ; FRANCESCO CAPRIO ; GIOVANNI GORGONE ; MASSIMILIANO RONCONE

Agent(s): BRUNI GIOVANNI; R RUSCHENA PATENT AGENT LLC; LAFORGIA DOMENICO

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 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 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

18) Family number: 43428045 (ES1069855U)

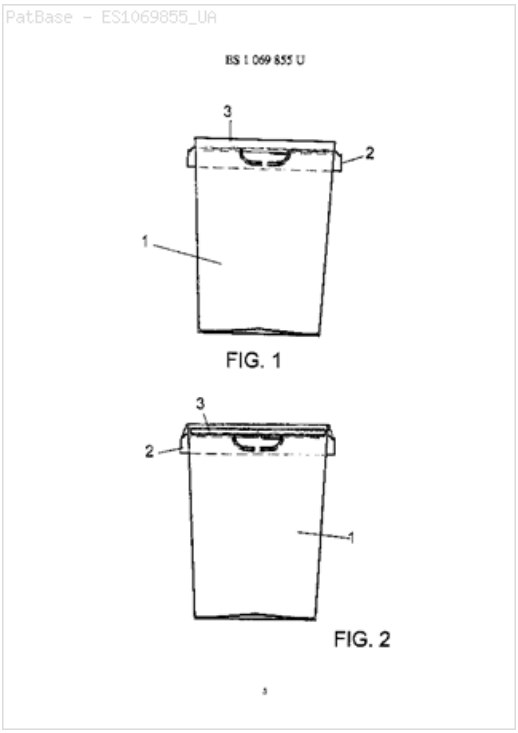
Title: ATRAPAMOSCAS FLYTRAP (Machine translation)

Abstract: Source: ES1069855U [ES] 1. Atrapamoscas, del tipo de los que generan un olor atrayente para las moscas, consistente en un atrayente alimenticio carente de insecticidas, caracterizado porque esta constituido a partir de un recipiente, de capacidad apropiada, que contiene de origen el atrayente alimenticio en condiciones directas de uso, recipiente inicialmente cerrado con el concurso de una tapa que determina un cierre estanco, complementandose dicha tapa con una segunda tapa de configuracion acampanada, destinada a sustituir a la primera en el momento en el que se inicia la utilizacion del atrapamoscas, y que cuenta con medios de fijacion tanto a la primera tapa como a la embocadura del recipiente, incorporando ademas esta tapa acampanada un gancho centrado sobre su base superior y orificios en su pared lateral prolongados interiormente en cuellos de considerable longitud. 2. Atrapamoscas, segun reivindicacion 1ª, caracterizado porque el recipiente adopta una configuracion tronco-conica invertida, y la primera tapa incorpora a su vez una acanaladura perimetral de acoplamiento a presion a la embocadura del recipiente, dotada de un precinto, incorporando la tapa acampanada en su embocadura otra acanaladura perimetral similar a la anterior. 3. Atrapamoscas, segun reivindicaciones

anteriores, caracterizado porque los orificios de la tapa acampanada estan asistidos por al menos un tapon de cierre, que permite anular funcionalmente aquel o aquellos orificios que se estime conveniente en funcion de la posicion de uso del atrapamoscas.

Machine translation: 1. Flytrap, of the type that generate an odor attractant for flies, consisting of a food attractant devoid of insecticides, characterized in that it is constituted from a container of suitable capacity, which contains the food attractant source into direct conditions of use, initially closed container with a lid contest which determines a seal, said cap complemented with a flared configuration second lid, intended to replace the first at the time of initiating the use of the trap, and has fastening means both the first lid and to the mouth of the container, this lid also incorporating a hook centering bell on its upper base and holes in its side wall inwardly extended necks of considerable length. 2. Flytrap, according to claim 1, wherein the container adopts a configuration frusto-conical inverted, and the first lid includes in turn a perimeter groove coupling pressure to the mouth of the container, provided with a seal, incorporating the lid flared at its mouth of another groove similar to the previous perimeter. 3. Flytrap, according to previous claims, wherein the cap holes are flared assisted by at least one end cap, which allows him or them functionally annular hole that is deemed necessary as a function of the position of use of the flycatchers.

Classifications:
International (IPC 8-9): A01M1/02 (Advanced/Invention);
A01M1/02 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
ES1069855 UA	20090518	ES20090000343U	20090223
ES1069855 Y1	20090914	ES20090000343U	20090223

Priority:

ES20090000343U 20090223

Probable Assignee: INQUIVISA S L

Assignee(s): (std)**:** INQUIVISA S L

Inventor(s): (std)**:** CASCALES SANCHEZ JOSE JUAN

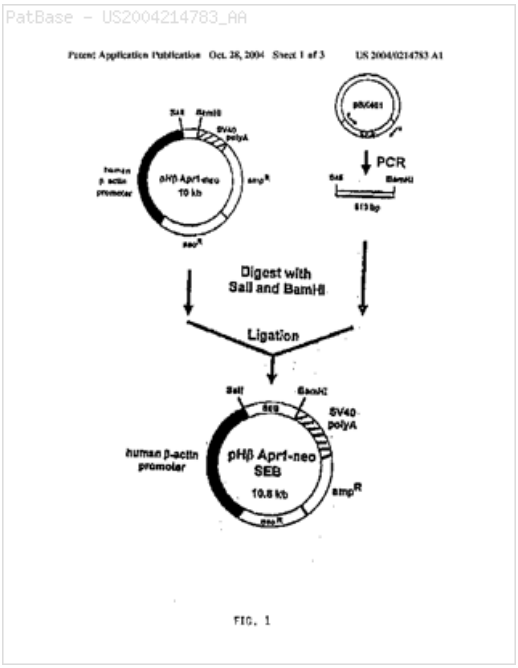
19) Family number: 29787046 (US2004214783A)

Title: COMPOSITIONS AND METHODS FOR TREATMENT OF NEOPLASTIC DISEASE

Abstract: Compositions and methods for treating a tumor, neoplastic disease or infectious disease in a subject are based on superantigens in the form of polypeptides including fusion polypeptides or conjugates, homologues, and fragments, all of which induce a tumoricidal response when administered directly into tumor or an organ sheath or body cavity affected by the tumor. Nucleic acid constructs encoding the foregoing polypeptides are also used in antitumor therapy. The above agents may be administered in sustained release or controlled release vehicles at or near sites of tumors in a tumor-bearing subject.

Classifications:
International (IPC 8-9): A01N63/00 A01N63/02 A61K35/00 A61K35/12 A61K35/14 A61K35/17 A61K35/18 A61K35/76 A61K38/00 A61K38/16 A61K38/17 A61K38/42 A61K38/46 A61K38/48 A61K39/00 A61K39/085 A61K39/09 A61K39/395 A61K45/06 A61K48/00 A61K51/00 A61K9/00 A61K9/50 A61M36/14 A61N5/10 A61P35/00 A61P35/04 A61P37/04 C07K14/00 C07K14/31 C07K14/315 C07K14/47 C07K14/70 C07K14/705 C07K14/715 C07K16/00 C07K19/00 C12N15/86 C12N5/06 C12N5/071 C12N5/078 C12N5/0783 C12N5/0786 C12N5/08 C12N5/09 C12N5/095 C12P21/04 G01N33/55 (Advanced/Invention);
A61K35/12 C12N15/86 C12N15/863 (Advanced/Non-invention);
A61K35/14 A61K35/18 A61K35/66 A61K38/17 A61K39/00 A61K48/00 A61K51/00 A61P35/00 C07K14/195 C07K14/43 C07K14/435 C12N15/86 C12N5/06 C12N5/071 C12N5/08 C12N5/09 C12N5/095 C12P21/04 (Core/Invention)
International (IPC 1-7): A61K31/704 A61K38/00 A61K39/00 A61K48/00 A61M36/14 A61P35/00 C07K14/00 C07K14/47

C07K16/00 C12N5/08 C12P21/04
CPC: A61K2035/124 A61K35/768 A61K38/00 C07K2319/55 C12N2510/02 A61K2039/55544 C07K14/31 C07K14/3156 C07K14/70503 C07K14/7156 C07K2319/33 A61K39/39 A61K2039/505 A61K2039/585 A61K38/164 C07K14/805 A61K48/00 C12N15/86 C12N15/8636 A61K39/0011 A61K39/085 A61K45/06 A61K48/005 C12N5/0641 A61K2300/00 A61K35/17 C12N5/0636 A61K2039/5154 C12N2502/1157 C12N2502/1114 C12N2510/00 C12N5/0693 A61K35/28 A61K38/482 A61K38/1709 A61K9/5068 A61K9/0019 C12N2830/008 C12Y304/21 A61K35/18 C12N2740/16043 A61K38/42
European: A61K35/18 A61K35/76 A61K38/16B1 A61K38/42 A61K38/46 A61K39/00D6 A61K39/085 A61K45/06 A61K48/00D C07K14/31 C07K14/315B C07K14/705B C07K14/715G K61K35/12B K61K39/515C K61K39/555B3 M07K319/33 M12N510/02
US: 1/1 424/1.17 424/134.1 424/134.100P 424/183.1 424/184.1 424/184.100P 424/192.1 424/192.100 424/192.100S 424/237.1 424/237.100S 424/277.1 424/277.100S 424/281.1 424/281.100P 424/282.1 424/282.100P 424/93.1 424/93.21 424/93.6 424/93.600P 424/93.7 424/93.73 424/93.730P 424/93.730S 435/325 435/363 435/366 435/372 436/520 514/12 514/19.3 514/19.300P 514/19.300S 514/21.2 514/26 514/26S 514/33 514/33P 514/44 514/44R 530/350 530/350S 530/387.3 530/387.300S 530/395 536/23.2 536/23.200



Family:

Publication number	Publication date	Application number	Application date
AU2003232079 AA	20031124	AU20030232079	20030508
AU2003232079 AH	20031111	AU20030232079	20030508
DE60341839 D1	20121011	DE20036041839	20030508
DE60344446 D1	20130905	DE20036044446	20030508
EP1534312 A2	20050601	EP20030750091	20030508
EP1534312 A4	20070228	EP20030750091	20030508
EP1534312 B1	20120815	EP20030750091	20030508
EP2386312 A2	20111116	EP20100012618	20030508
EP2386312 A3	20120111	EP20100012618	20030508
EP2386312 B1	20130703	EP20100012618	20030508
US2004214783 AA	20041028	US20030428817	20030505
US2005112141 AA	20050526	US20040937758	20040908
US2006052295 AA	20060309	US20030513466	20030508
US2009123444 AA	20090514	US20080276941	20081124
US2009155231 AA	20090618	US20080145949	20080625
US2010158871 AA	20100624	US20090586532	20090922
US2010196373 AA	20100805	US20100759527	20100413
US2010203024 AA	20100812	US20070302655	20070529
US2011059901 AA	20110310	US20100860699	20100820
US2012148627 AA	20120614	US20110328748	20111216
US2012148628 AA	20120614	US20110317590	20111020
US2012195869 AA	20120802	US20120367797	20120207
US2014088020 AA	20140327	US20130037176	20130925
US2014205617 AA	20140724	US20130017140	20130903
US2015037297 AA	20150205	US20140222292	20140321
US2016058793 AA	20160303	US20150800516	20150715
US2016144002 AA	20160526	US20160007934	20160127
US7776822 BB	20100817	US20030513466	20030508
US7803637 BB	20100928	US20080145949	20080625
US8128931 BB	20120306	US20100759527	20100413
US8431117 BB	20130430	US20120367797	20120207
US8524218 BB	20130903	US20080276941	20081124
US9149504 BB	20151006	US20110328748	20111216
WO03094846 A2	20031120	WO2003US14381	20030508
WO03094846 A3	20040415	WO2003US14381	20030508
WO07143451 A2	20071213	WO2007US69869	20070529
WO07143451 A3	20080221	WO2007US69869	20070529

Priority:

US19990151470P 19990830
US20020378988P 20020508
US20020406750P 20020829
US20030438686P 20030109
EP20100012618 20030508
WO2003US14381 20030508
US20060809553P 20060530
US20070302655 20070529
US20080192949P 20080922
US20090206338P 20090128
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US20130438686P 20130109
US20140222292 20140321
US20150133824P 20150316
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US20030428817 20030505
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US20040937758 20040908
US20060819551P 20060708
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US20090211227P 20090328
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US20100455592P 20101020
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US20020406697P 20020828
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EP20030750091 20030508
WO2003US14381 20030508
US20050513466 20050613
US20060842213P 20060905
US20080145949 20080625
US20090205776P 20090122
US20090215906P 20090511
US20100759527 20100413
US20110462622P 20110203
US20120367797 20120207
US20130037176 20130925
US20140054231P 20140923

Probable Assignee: JENQUEST

Assignee(s): (std): JENOMIC ; JENQUEST ; TERMAN DAVID ; TERMAN DAVID S ; DEWHIRST MARK W ; TERMAN DAVID STEPHEN

Assignee(s): GRANDVIEW LLC ; TERMAN DAVID S PEBBLE BEACH

Inventor(s): (std): TERMAN DAVID S ; TERMAN DAVID ; TERMAN DAVID STEPHEN ; DEWHIRST MARK W ; DAVID S TERMAN

Inventor(s): TERMAN DAVID S PEBBLE BEACH

Agent(s): DF MP DOERRIES FRANK MOLNIA AND POHLMAN PATENTANWAELTE RECHTSANWAELTE PARTG MBB; WICHMANN HENDRIK; CENTRAL COAST PATENT AGENCY; MCKENNA LONG AND ALDRIDGE LLP; CENTRAL COAST PATENT AGENCY INC; DAVID S TERMAN; DAVID TERMAN

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

20) Family number: 43087051 (WO10069503A1)

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Title: TRAPPING DEVICE FOR FRUGIVOROUS INSECTS

Abstract: Trapping device for frugivorous insects comprising a chamber (2) for confining insects and at least one side hole (5) from which a side duct (6) to said chamber (2) starts, the side hole (6) having an entrance mouth (10a) and an exit mouth (10b). The chamber (2) comprises one opaque first zone (3) and a translucent upper second zone (4) through which direct outside light can enter the chamber (2). Furthermore, the side duct (6) is opaque and transverse with respect to the vertical direction, according to an angle between 0 and 20 degrees with respect to the horizontal direction.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention); A01M1/00 (Core/Invention)
CPC: A01M1/106 A01M1/02
European: A01M1/02 A01M1/10F

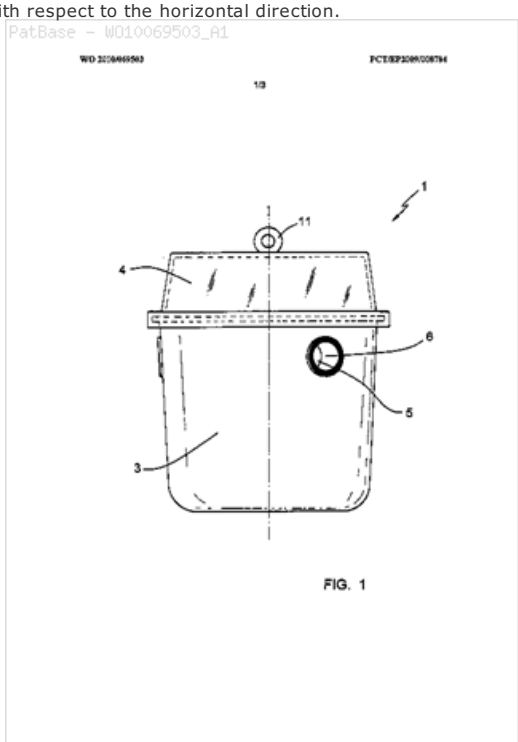


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
DE602009039354 D1	20160804	DE200960039354T	20091209
EP2375891 A1	20111019	EP20090774840	20091209
EP2375891 B1	20160622	EP20090774840	20091209
ES1069468 UA	20090401	ES20080002584U	20081219
ES1069468 Y1	20090629	ES20080002584U	20081219
ES2582233 T3	20160909	ES20090774840T	20091209
PT2375891 T	20160929	PT20090774840T	20091209
TR201613081 T4	20161021	TR20160013081T	20091209
WO10069503 A1	20100624	WO2009EP08784	20091209

Priority:

ES20080002584 20081219 ES20080002584U 20081219 EP20090774840 20091209 WO2009EP08784 20091209

Probable Assignee: PROBODELT S L

Assignee(s): (std): PROBODELT S L ; RAMONEDA MOLINS JUAN EVANGELISTA ; ROIG REVERTE JORDI

Assignee(s): PROBODELT SL

Inventor(s): (std): ROIG REVERTE JORDI ; RAMONEDA MOLINS J EVANGELISTA ; RAMONEDA MOLINS JUAN EVANGELISTA ; JUAN EVANGELISTA RAMONEDA MOLINS ; JORDI ROIG REVERTE

Inventor(s): EVANGELISTA JUAN RAMONEDA MOLINS

Agent(s): CURELL AGUILA MARCELINO; CURELL SUNOL SLP; CURELL MIREIA; YESIM METIN; CURELL SUNOL MARCELINO

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 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 PE 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

21) Family number: 8479052 (WO9427430A1)

Title: INSECT TRAPS

Abstract: An insect trap including: a container part (11), a cover part (10) which includes a plurality of access passages (13) which are dimensioned and shaped to restrict insects using said access passages (13) to depart from the container part (11); means (26, 33) for supporting one or more vessels (24, 34) for containing a volatile synthetic attractant lure (25) for insects whereby the or each of said vessels (24, 34) are substantially surrounded by air whereby said volatile synthetic attractant lure (25) may diffuse into said container part (11) and to atmosphere through access passages (13).

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/02 A01M5/02
CPC: A01M1/02 A01M1/026 A01M1/106 A01M2200/012
European: A01M1/02 A01M1/02B A01M1/02E A01M1/10 A01M1/10F K01M200/012 K01M201/02

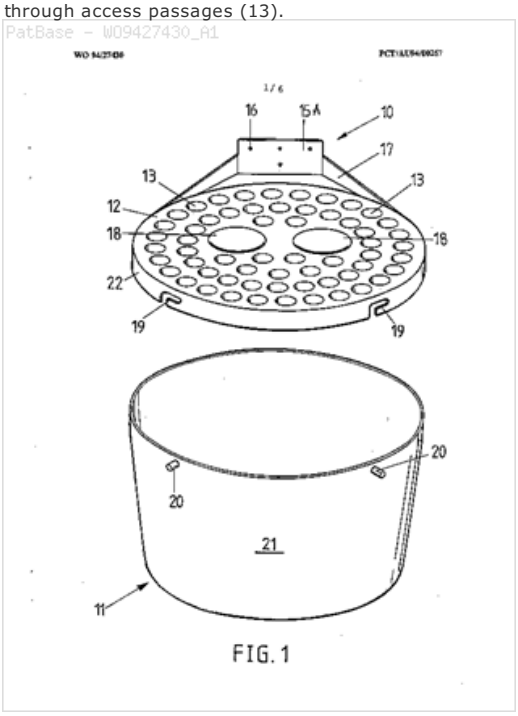


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
AU199467897 A1	19941220	AU19940067897	19940524
AU687811 B2	19980305	AU19940067897	19940524
NZ266403 A	19980826	NZ19940266403	19940524
WO9427430 A1	19941208	WO1994AU00267	19940524

Priority:
AU1993PL08991 19930526 AU19940067897 19940524 WO1994AU00267 19940524

Probable Assignee: QUEENSLAND STATE

Assignee(s): (std): QUEENSLAND STATE ; GREEN PETER ; BROWN GEOFFREY ; RICE MARTIN ; SEXTON STEPHEN ; STATE OF QUEENSLAND ; BIOPROTECTION PTY LTD ; UNIV QUEENSLAND ; URECH RUDOLF ; WEBB PHILLIP

Assignee(s): THE UNIVERSITY OF QUEENSLAND ; UNIVERSITY OF QUEENSLAND THE ; THE STATE OF QUEENSLAND UNDER S24 ; BIOPROTECTION PTY LTD SUBSTITUTED FOR BIOPROTECTION PTY LTD ; BIOPROTECTION PTY LTD WAS BIOPROTECTI ; BIOPROTECTION PTY LTD WAS BIOPROTECTION PTY LTD ; OF QUEENSLAND UNIV ; STATE OF QUEENSLAND UNDER S24 ; THE STATE OF QUEENSLAND ; BIOGLOBAL LTD

Inventor(s): (std): GREEN PETER ; BROWN GEOFFREY ; RICE MARTIN ; SEXTON STEPHEN ; URECH RUDOLF ; WEBB PHILLIP

Inventor(s): STEPHEN SEXTON ; RUDOLF URECH ; GEOFFREY BROWN ; MARTIN RICE ; PETER GREEN ; PHILLIP WEBB

Agent(s): IP GATEWAY PATENT AND TRADEMARK

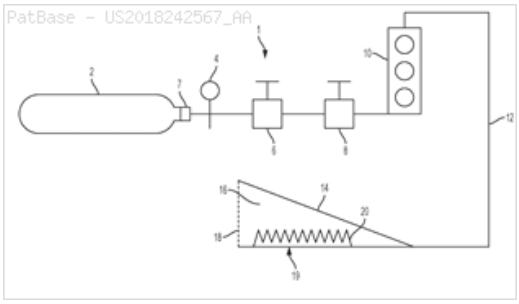
Designated states: AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK ES FI FR GA GB GE GN GR HU IE IT JP KG KP KR KZ LK LU LV MC MD MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SI SK SN TD TG TJ TT UA US UZ VN

22) Family number: 70935057 (US2018242567A)

Title: TICK TRAP AND METHOD OF TRAPPING TICKS

Abstract: Provided is a tick trap having a glue constructed to trap ticks touching the glue by sticking to the ticks, and a plant based scent formed from a part of a plant that attracts ticks to the glue. The tick trap can be used to trap ticks within a dwelling or in the environment.

Classifications:
International (IPC 8-9): A01M1/00 A01M1/02 A01M1/10 A01M1/14 A01M1/20 (Advanced/Invention)
CPC: A01M1/14 A01M2200/011 A01M1/02 A01M1/10 Y02A50/375



Family:

Publication number	Publication date	Application number	Application date
US2018242567 AA	20180830	US20170715481	20170926
US2018242568 AA	20180830	US20180872697	20180116
WO18156260 A1	20180830	WO2018US13806	20180116

Priority:

US20170463887P 20170227 US20170518849P 20170613 US20170529064P 20170706
US20170551658P 20170829 US20170715481 20170926 US20180872697 20180116

Probable Assignee: TICK TRAPPER INC

Assignee(s): (std): TICK TRAPPER INC

Inventor(s): (std): JALOWIEC THOMAS WALTER ; JALOWIEC THOMAS

Agent(s): MELCHER JEFFREY S

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

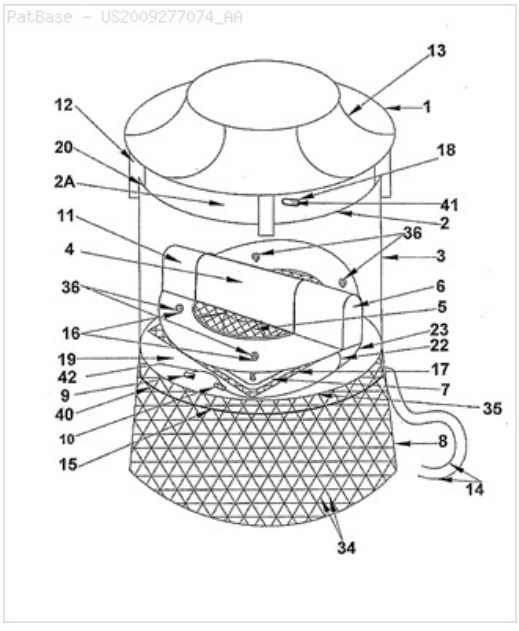
23) Family number: 41121057 (US2009277074A)

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Title: AN IMPROVED APPARATUS FOR ATTRACTING, TRAPPING, DAMAGING INSTANTLY AND KILLING OF INSECTS

Abstract: Multipurpose apparatus capable of attracting, trapping, damaging instantly and subsequent killing of insects including mosquitoes which comprises of a supporting cylindrical body (3) with open ends, the body provided with a removable cover (1) on open top end (2) fixed with supporting legs (12) leaving sufficient gap between cover and body, having a UV lamp (6) with a protective safety cover (4) fitted internally below top open end and a removable insect collecting part (8) installed at other end, UV lamp is closely enclosed with a heat conducting wire mesh (5) which further extends horizontally to entire diameter of axial fan's opening, an axial fan (7) is fitted above the protective wire mesh guard (17) and beneath UV lamp and heat conducting wire mesh (5).

Classifications:
International (IPC 8-9): A01M1/08 (Advanced/Invention); A01M1/08 (Core/Invention)
International (IPC 1-7): A01M1/00
CPC: A01M1/08 A01M1/2094
European: A01M1/08 A01M1/20D
US: 43/113 43/118



Family:

Publication number	Publication date	Application number	Application date
IN01275CH2006 A	20070330	IN2006CH01275	20060721
IN240728 B	20100604	IN2006CH01275	20060721
US2009277074 AA	20091112	US20070374435	20070711
WO08010232 A1	20080124	WO2007IN00285	20070711

Priority:

IN2006CH01275 20060721 IN2006CH02452 20061229 WO2007IN00285 20070711

Probable Assignee: NORONHA IGNATIUS ORWIN

Assignee(s): (std): NORONHA IGNATIUS ORWIN

Assignee(s): INGNATIUS ORWIN NORONHA

Inventor(s): (std): NORONHA IGNATIUS ORWIN

Inventor(s): INGNATIUS ORWIN NORONHA

Agent(s): PORTER WRIGHT MORRIS AND ARTHUR LLP INTELLECTUAL PROPERTY GROUP

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 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

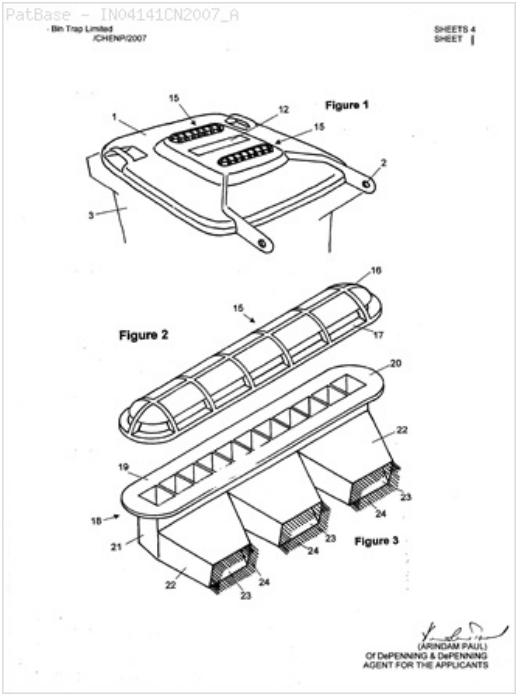
24) Family number: 41612058 (IN04141CN2007A)

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Title: FLYING INSECT TRAP

Abstract: A flying insect trap which is incorporated into the lid of a rubbish bin and which has a one way entry through the lid into a compartment into which an attractant/insecticide is introduced. The dead insects which have entered the trap fall onto the floor of the compartment which has a door which automatically opens when the lid of the rubbish bin is opened to discharge the dead insects from the compartment into the rubbish bin.

Classifications:
International (IPC 1-7): A01M1/10



Family:

Publication number	Publication date	Application number	Application date
IN04141CN2007 A	20071116	IN2007CN04141	20070920

Probable Assignee: BIN TRAP LTD

Assignee(s): BIN TRAP LTD

Inventor(s): HARRIS MIKAEL IVAN

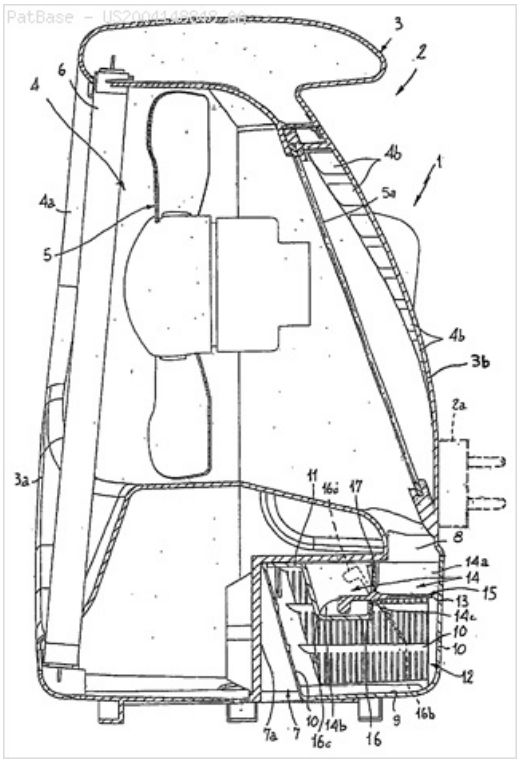
25) Family number: 28582059 (US2004148848A)

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Title: COLLECTING-CONTAINER FOR INSECTICIDE APPARATUS AND AN APPARATUS FOR CAPTURING INSECTS AND THE LIKE PROVIDED WITH SUCH A CONTAINER

Abstract: A collecting container (1) for insecticide apparatus (2) comprises a base wall (9), side walls (10) extending transversely of the base wall (9) and an upper wall (11) engaging the tops of the side walls (10) and in which an access opening (13) is formed for entry of the insects captured by the apparatus itself. In engagement at the access opening (13) is a rocking element (16) movable in rotation for closing and/or opening the access opening depending on the air circulation within the apparatus (2). The rocking element (16) operates at the inside of a surface recess (14) formed in the upper wall (11) and has an obstruction portion (16b) directly active on the access opening (13) to close and/or open the latter and a counter weight (16c) isolated from the air- and insect-passage region (14a) by a partition (17) located within the surface recess itself.

Classifications:
International (IPC 8-9): A01M A01M1/06 A01M1/08 B65D B65D51/04 (Advanced/Invention);
A01M1/00 A01M1/08 B65D51/00 (Core/Invention);
A01M (Subclass/Invention);
B65D (Subclass/Non-invention)
International (IPC 1-7): A01M1/06 A01M1/08 B65D51/04
CPC: A01M1/06 A01M1/08
European: A01M1/06 A01M1/08
US: 43/139 431/390



Family:

Publication number	Publication date	Application number	Application date
CN1283145 C	20061108	CN20028012124	20020604
CN1527664 A	20040908	CN20028012124	20020604
DE60201990 D1	20041223	DE20026001990	20020604
DE60201990 D1	20041223	DE20026001990T	20020604
DE60201990 T2	20051103	DE20026001990T	20020604
EP1397039 A1	20040317	EP20020741169	20020604
EP1397039 B1	20041117	EP20020741169	20020604
HK1069074 A1	20070511	HK20050101739	20050301
HK1069074 A1	20050513	HK20050101739	20050301
HK1069074 A3	20050513	HK20050101739	20050301
HK1069074 B	20070511	HK20050101739	20050301
IN02132DN2003 A	20060120	IN2003DN02132	20031208
ITMI20011276 A0	20010618	IT2001MI01276	20010618
ITMI20011276 A1	20021218	IT2001MI01276	20010618
US2004148848 AA	20040805	US20030480869	20031216
US6871445 BB	20050329	US20030480869	20031216
WO02102146 A1	20021227	WO2002IT00363	20020604

Priority:

IT2001MI01276 20010618 WO2002IT00363 20020604

Probable Assignee: MO EL SRL

Assignee(s): (std)**:** BERTANI CARLO ; MO EL SRL

Assignee(s): MO EL SRL VIA GALVANI ; MO EL S R L ; MO EL S R L MONTECCHIO EMILIA ; MO EL S R L VIA GALVANI 18 42027 MONTECCHIO EMILIA REGGIO EMILIA ITALY

Inventor(s): (std)**:** CARLO BERTANI ; BERTANI CARLO

Agent(s): CLT PATENT AND TRADEMARK HK LTD UNIT 10 34 F OFFICE TOWER CONVENTION; CLT PATENT AND TRADEMARK HK LTD

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 SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

26) Family number: 40991061 (US2008178819A)

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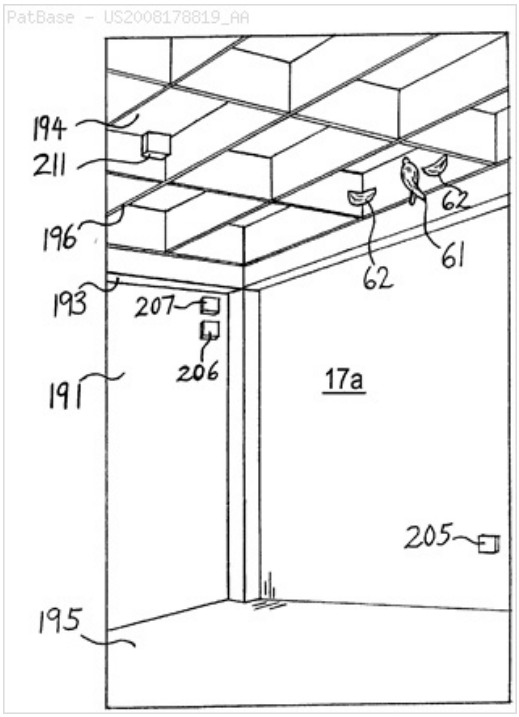
Title: SWIFTLETS FARMING FOR PRODUCTION OF EDIBLE BIRD'S NESTS

Abstract: A swiftlet breeding facility, for use in creating and harvesting edible bird's nests. The facility includes sub-systems for injecting live insect and worm prey, and water, into an aerial enclosure to provide a feeding system imitative of a natural swiftlet feeding environment.

Classifications:

International (IPC 8-9): A01K1/00 A01K31/00 A01K31/06 A01K31/12 A01K31/14 A01K31/16 A01K31/18 A01K31/22 A01K39/04 F24F5/00 F24F6/00 (Advanced/Invention);
E04B1/00 (Advanced/Non-invention);
A01K1/00 A01K31/00 (Core/Invention);
E04B1/00 (Core/Non-invention)
International (IPC 1-7): A01K1/00 A01K31/00
CPC: A01K39/04 A01K31/18 A01K31/00 A01K31/06 A01K31/22 A01K31/14 Y02P60/521

European: A01K31/00 A01K31/06 A01K31/14 A01K31/22
US: 1/1 119/300 119/346 119/436 119/436S 119/437 119/448 119/448S 119/449 119/531 119/531S 52/741.1 52/741.100S



Family:

Publication number	Publication date	Application number	Application date
MY167009 A	20180731	MY20100005762	20101203
SG136025 A1	20071029	SG20060082499	20061201
SG152946 A1	20090629	SG20070181126	20071123
SG171554 A1	20110629	SG20100008551	20101122
SG171554 A1	20110629	SG20100085512	20101122
TH115495 A	20120731	TH20101001844	20101203
US2008178819 AA	20080731	US20070949695	20071203
US2010139572 AA	20100610	US20090630309	20091203
US2012048205 AA	20120301	US20110218197	20110825
US2012255501 AA	20121011	US20120526929	20120619
US2014230744 AA	20140821	US20140179985	20140213
US2014318468 AA	20141030	US20140328285	20140710
US2015296749 AA	20151022	US20150755493	20150630
US2018098527 AA	20180412	US20170838555	20171212
US2018325084 AA	20181115	US20180973850	20180508
US2019090460 AA	20190328	US20180140975	20180925
US8205577 BB	20120626	US20090630309	20091203
US8210126 BB	20120703	US20070949695	20071203
US8651061 BB	20140218	US20120526929	20120619
US9066501 BB	20150630	US20140179985	20140213
US9839201 BB	20171212	US20150755493	20150630
US10080350 BB	20180925	US20170838555	20171212

Priority:

SG20060008249 20060313 SG20060008249 20061201 SG20060082499 20061201
SG20070181126 20071123 SG20070018112 20071123 US20070949695 20071203
US20090630309 20091203 US20110218197 20110825 US20120526929 20120619
US20140179985 20140213 US20140328285 20140710 US20150755493 20150630
US20170838555 20171212 US20180973850 20180508 US20180140975 20180925

Probable Assignee: SIA YIK HEI

Assignee(s): (std)**:** SIA YIK HEI ; TAN JEE HONG

Inventor(s): (std)**:** HEI SIA YIK ; HONG TAN JEE ; TAN JEE HONG ; SIA YIK HEI

Agent(s): CROCKETT AND CROCKETT; CROCKETT AND CROCKETT PC; NIKY ECONOMY; K DAVID; NIKY ECONONY; CROCKETT ESQ K DAVID; SYRENGELAS ESQ NIKY ECONOMY

27) Family number: 4966061 (US4571880A)

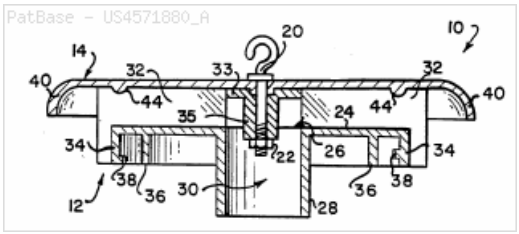
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Title: Access structure for use in trapping flying insects, and fly trap including such structure

Abstract: An access structure 10 for use in trapping flying insects comprises a lid member 12 having a horizontal top portion 24, an access opening 26 in the top portion, and a downwardly depending tubular wall 28 defining a downwardly open passage 30 leading from the access opening. A cover member 14 which is spaced upwardly from the top portion 24 forms a roof over the access opening 26. Between the top portion 24 and the cover member 14 there are four vanes 32 which extend radially from the access opening. In one embodiment the top portion is provided with a skirt portion 34 having formations 38, which enables the structure to be screwed onto a glass jar. In use, an insect attractant is placed in the jar. This attracts insects, which enter the jar via the access opening 26 and the passage 30, are unable to find their way back through the access opening, and eventually die in the jar. In another embodiment a trapping container having a perforated bottom wall is connected to the access structure, and a bait holder is connected to the bottom of the trapping container.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention);
A01M1/00 A01M1/02 (Core/Invention);

A01M (Subclass/Invention)
International (IPC 1-7): A01M1/10
CPC: A01M1/106 A01M1/02 A01M2200/012
European: A01M1/02 A01M1/02B A01M1/10F K01M200/012 K01M201/02
US: 43/122



Family:

Publication number	Publication date	Application number	Application date
US4571880 A	19860225	US19840613784	19840524
ZA8206373 A	19830727	ZA19820006373	19820831

Priority:

ZA19810006440 19810916 ZA19820006373 19820831 US19820416321 19820909

Probable Assignee: HAYWARD JOHN JAMES PETER

Assignee(s): (std)**:** HAYWARD JOHN J P ; HAYWARD JOHN JAMES PETER

Inventor(s): (std)**:** HAYWARD JOHN J P ; PETER HAYWARD JOHN JAMES ; HAYWARD JOHN JAMES PETER

28) Family number: 41642062 (ES1066819U)

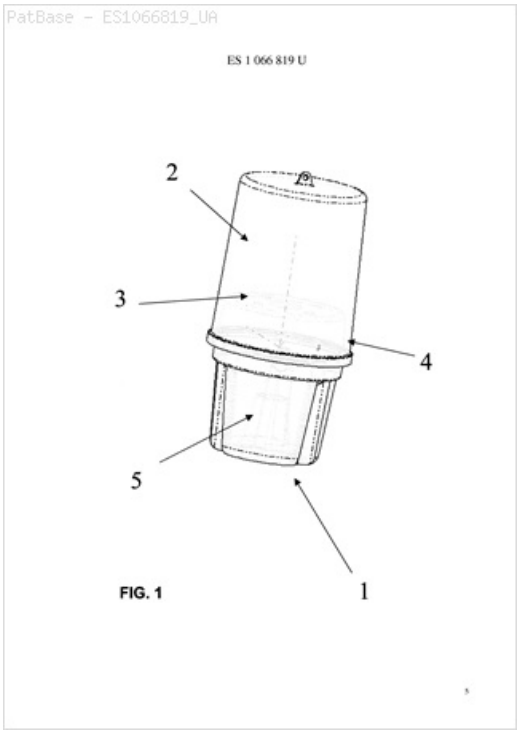
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Title: MOSQUERO PERFECCIONADO IMPROVED Flycatcher (Machine translation)

Abstract: Source: ES1066819U [ES] 1. Mosquero perfeccionado constituido por una pieza inferior (1) con al menos una abertura (5) para la entrada de insectos y una pieza superior (2) a modo de tapa que unidas entre si configuran un receptaculo caracterizado porque comprende una pieza intermedia (3) situada entre la pieza inferior (1) y la pieza superior (2) que divide dicho receptaculo en dos camaras y porque dicha pieza intermedia (3) posee al menos un orificio (6) que comunica dichas camaras.2. Mosquero perfeccionado segun reivindicacion primera caracterizado porque la pieza intermedia (3) posee forma conica.3. Mosquero perfeccionado segun reivindicacion primera o segunda, caracterizado porque entre la pieza superior (2) y la pieza intermedia (3) queda definido un espacio (4).4. Mosquero perfeccionado segun cualquiera de las reivindicaciones anteriores, caracterizado porque la pieza intermedia (3) cuenta con un unico orificio (6) de gran tamano.5. Mosquero perfeccionado segun cualquiera de las reivindicaciones anteriores, caracterizado porque la pieza intermedia (3) cuenta con varios orificios (6), uno central y otros dispuestos radialmente de menor tamano que el central.6. Mosquero perfeccionado segun cualquiera de las reivindicaciones anteriores, caracterizado porque la pieza intermedia (3) cuenta con al menos un orificio (6) de pronunciada conicidad.7. Mosquero perfeccionado segun reivindicacion primera, caracterizado porque la pieza intermedia (3) queda sujeta gracias a la union con la pieza superior (2) y/o a la pieza inferior (1) mediante un sistema de sujecion.8. Mosquero perfeccionado segun reivindicacion septima, caracterizado porque la pieza intermedia (3) se sujeta sobre la pieza inferior (1) y porque la pieza superior (2) se cierra sobre dicha pieza intermedia (3) mediante un cierre de ajuste prieto, abrazando al conjunto.9. Mosquero perfeccionado segun reivindicacion septima caracterizado porque la pieza inferior (1) se sujeta a la pieza superior (2) mediante un cierre de bayoneta.10. Mosquero perfeccionado segun reivindicacion primera, caracterizado porque la pieza inferior (1) posee al menos una abertura (5) troncoconica situada en el fondo o base opuesta a su embocadura.11. Mosquero perfeccionado segun reivindicacion primera, caracterizado porque la pieza superior (2) se encuentra rematada superiormente por una orejeta (10) a modo de enganche que le permite ser colgado.

Machine translation: 1. Mosquero perfected a lower part consisting of (1) with at least one opening (5) for the entry of insects and an upper part (2) as a lid joined together form a receptacle which comprises an intermediate piece (3) located between the lower part (1) and the upper part (2) dividing said receptacle into two chambers and in that said intermediate piece (3) has at least one opening (6) that connects these camaras.2. Flycatcher perfected according to claim wherein the first intermediate piece (3) has a conica.3. Flycatcher perfected according to claim first or second, characterized in that between the upper (2) and the intermediate piece (3) is defined a space (4) 4. Flycatcher perfected according to any of the preceding claims, wherein the intermediate piece (3) has a single hole (6) high tamano.5. Flycatcher perfected according to any of the preceding claims, wherein the intermediate piece (3) has several openings (6), one central and others arranged radially smaller than the central.6. Flycatcher perfected according to any of the preceding claims, wherein the intermediate piece (3) has at least one orifice (6) of conicidad.7 pronounced. Flycatcher perfected according to claim first, wherein the intermediate piece (3) is subject thanks to the union with the upper (2) and / or the lower part (1) through a system of sujecion.8. Flycatcher perfected according to claim seventh, wherein the intermediate piece (3) is secured on the lower part (1) and because the upper part (2) is closed on said intermediate piece (3) by a tight end set, embracing the whole 0.9. Perfected according to claim seventh Flycatcher wherein the lower piece (1) is attached to the upper part (2) by a closure of bayoneta.10. Flycatcher perfected according to claim first, wherein the lower piece (1) has at least one aperture (5) conical body at the bottom or base away from your embocadura.11. Flycatcher perfected according to claim first, wherein the upper piece (2) is topped above by a lug (10) as a hook that allows you to be hanged.

Classifications:
International (IPC 8-9): A01M1/10 (Advanced/Invention);
A01M1/00 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
ES1066819 UA	20080316	ES20070001625U	20070727
ES1066819 Y1	20080616	ES20070001625U	20070727

Priority:

ES20070001625U 20070727

Probable Assignee: SANCHO PEREZ JOSE VICENTE

Assignee(s): (std)**:** SANCHO PEREZ JOSE VICENTE ; SANCHO SANCHEZ JOSE

Inventor(s): (std)**:** SANCHO PEREZ JOSE VICENTE ; SANCHO SANCHEZ JOSE

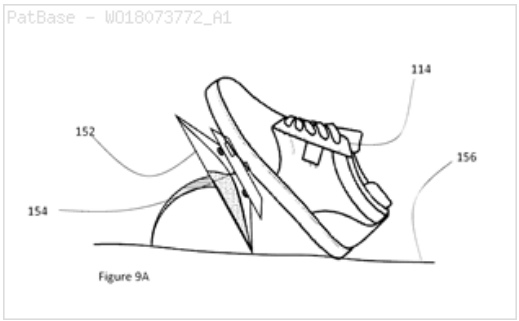
29) Family number: 69442063 (WO18073772A1)

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Title: FIRE ANT ATTRACTANT AND TRAP

Abstract: The invention teaches a trap configured by its structure and by its attractant to catch Little Fire Ants and Red Imported Fire Ants

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01M1/20 A01M1/24 A01N31/00 A01N63/02 (Advanced/Invention)
CPC: A01N37/46 A01M1/02 A01N25/006 A01M1/103 A01M1/2011



Family:

Publication number	Publication date	Application number	Application date
WO18073772 A1	20180426	WO2017IB56486	20171018

Priority:

US20160410409P 20161020

Probable Assignee: BRAVERMAN YEHUDA

Assignee(s): (std)**:** BRAVERMAN YEHUDA ; POMERANTZ ITZHAK

Inventor(s): (std)**:** BRAVERMAN YEHUDA ; POMERANTZ ITZHAK

Agent(s): FELBER JOSEPH

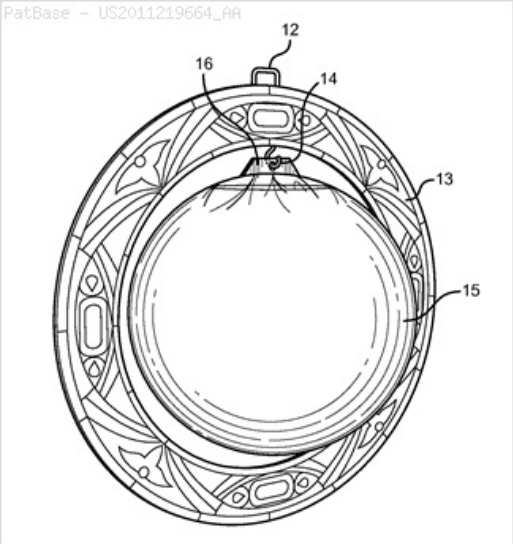
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN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

30) Family number: 49559065 (US2011219664A)

Title: SHOO FLY SUN CATCHER

Abstract: A decorative pest deterrent device that utilizes light refraction through a volume of liquid to repel nearby insects. A clear, elastic container is suspended from a decorative frame using one or a plurality of hooks. The container is filled with a liquid, preferably water, and refracts incoming light to confuse and ward off nearby pests. Liquid is fed into the container through an opening along its upper region, which is then closed by a set of tabs that mate together and attach to hooks for support. The device is a passive pest repellent and a decorative structure for a residential household, particularly in outdoor areas or entryways.

Classifications:
International (IPC 8-9): A01M29/28 (Advanced/Invention)
CPC: A01M29/08
European: A01M29/08
US: 43/107 43/107P



Family:

Publication number	Publication date	Application number	Application date
US2011219664 AA	20110915	US20110044243	20110309

Priority:

US20100312911P 20100311 US20110044243 20110309

Probable Assignee: CASTEEL KRISTIN

Assignee(s): (std)**:** CASTEEL KRISTIN ; CASTEEL SHELLY

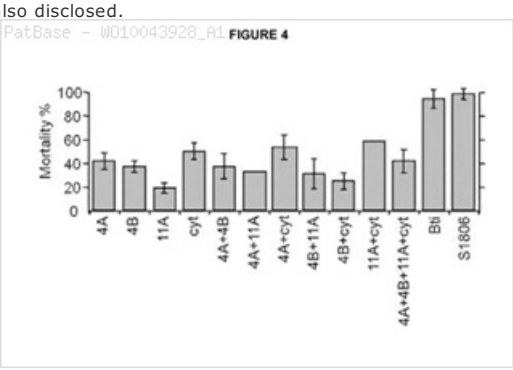
Inventor(s): (std)**:** CASTEEL SHELLY ; CASTEEL KRISTIN

31) Family number: 44925066 (WO10043928A1)

Title: DERIVED PROTEINS FROM CRY GENES OF BACILLUS THURINGIENSIS

Abstract: Combinations of Bacillus thuringiensis (Bt) proteins and nucleic acids encoding these Bt proteins are disclosed. Plants transformed with nucleic acids encoding these Bt proteins are also disclosed.

Classifications:
International (IPC 8-9): A01N63/02 C07K14/325 C12N15/82 (Advanced/Invention);
A01N63/02 C07K14/195 C12N15/82 (Core/Invention)
International (IPC 1-7): A01N63/02 C07K14/325 C12N15/82
CPC: Y02A40/162 C07K14/325 A01N63/02 C12N15/8286
European: A01N63/02 C07K14/325 C12N15/82C8B6E



Family:

Publication number	Publication date	Application number	Application date
BRPI0823184 A2	20141029	BR2008PI23184	20081015
BRPI0823184 A8	20190129	BR2008PI23184	20081015
MX2011004154 A1	20120907	MX20110004154	20081015
MX348430 B	20170605	MX20110004154	20081015
WO10043928 A1	20100422	WO2008IB54226	20081015

Priority:

WO2008IB54226 20081015

Probable Assignee: BRASILENA DE INVESTIGACION AGR

Assignee(s): (std)**:** BRASIL PESQUISA AGROPEC ; BRASILENA DE INVESTIGACION AGR ; CENTRO DE INVESTIGACION Y DE ESTUDIOS AVANZADOS DEL INSTITUTO POLITECNICO NAC ; CT INVESTIG Y ESTUDIOS DEL IPN ; EMPRESA BRASILEIRA DE PESQUISA AGROPECUARIA ; OBANDO ADRIANA ; MONNERART SOLON DE PONTES ROSE ; ESPINOZA ANA MERCEDES ; FUNDACION DE LA UNIVERSIDAD DE ; IBARRA RENDON JORGE E ; MOARES RIBEIRO BERGMAN ; HERNANDEZ ALEJANDRO ; WAGNER AGUIAR RAIMUNDO ; UNIV DE COSTA RICA ; SOARES MARTINS ERICA ; UNIV BRASILIA FUDACAO ; UNINERSIDAD DE COSTA RICA ; UNIV COSTA RICA ; FUNDACAO UNIV DE BRASILIA

Assignee(s): UNIVERSIDAD DE COSTA RICA ; FUNDACAO UNIVERSIDADE DE BRASILIA ; MONNERART SOLON DE PONTES ROSE GOMES ; FUNDACION DE LA UNIVERSIDAD DE BRASILIA ; EMPRESA BRASILENA DE INVESTIGACION AGROPECUARIA ; CENTRO DE INVESTIGACION Y DE ESTUDIOS AVANZADOS DEL INSTITUTO POLITECNICO NACIONAL

Inventor(s): (std): OBANDO ADRIANA ; MONNERART SOLON DE PONTES ROSE GOMES ; WAGNER AGUIAR RAIMUNDO ; HERNANDEZ ALEJANDRO ; IBARRA RENDON JORGE E ; SOARES MARTINS ERICA ; MOARES RIBEIRO BERGMAN ; ESPINOZA ANA MERCEDES ; MARTINS ERICA SOARES ; RENDON JORGE EUGENIO IBARRA ; PONTES ROSE GOMES MONNERART SOLON DE ; RIBEIRO BERGMAN MOARES ; AGUIAR RAIMUNDO WAGNER ; ALEJANDRO HERNANDEZ ; RAIMUNDO WAGNER AGUIAR ; ROSE GOMES MONNERART SOLON DE PONTES ; ANA MERCEDES ESPINOZA ; JORGE EUGENIO IBARRA RENDON ; BERGMAN MOARES RIBEIRO ; ERICA SOARES MARTINS ; ADRIANA OBANDO ; RENDON JORGE E IBARRA ; JORGE E IBARRA RENDON

Agent(s): CARRENO SANCHEZ LUIS ANTONIO

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

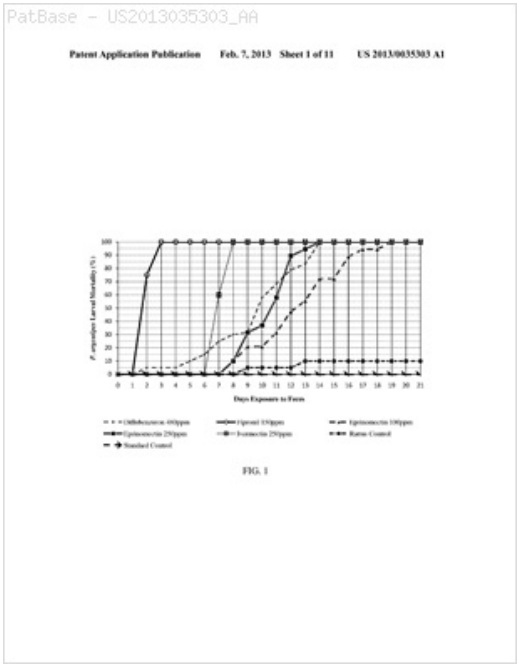
32) Family number: 49824070 (US2013035303A)

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Title: COMPOSITIONS AND METHODS FOR CONTROL OF SAND FLIES AND OTHER BLOOD SUCKING INSECTS

Abstract: The invention relates to a new rapid release oral formulation of fipronil or imidacloprid for the effective control of blood-sucking insect populations. Embodiments of the invention relate to their use by incorporation into a feed-through formulation that can be administered orally to host animals such as birds, goats, dogs, and cattle for the rapid effective control of blood sucking insects. The formulation is fast acting and the residue of the chemicals present in the feces serves as a larvacide, effectively controlling newly hatched larvae.

Classifications:
International (IPC 8-9): A01N43/56 A01N43/68 A01N43/90 A01N47/02 A01N47/34 A01N51/00 A23K1/00 A61K31/7048 A61P33/00 A61P33/14 (Advanced/Invention)
CPC: A01N43/90 A01N43/56 A01N51/00 A01N43/68 A01N47/02 A01N47/34 A23K40/00
European: A01N43/68 A01N47/02 A01N47/34 A01N51/00
US: 514/245 514/30 514/341 514/404 514/594



Family:

Publication number	Publication date	Application number	Application date
AP201206534 A0	20121031	AP20120006534	20110421
AP3517 A	20160111	AP20120006534	20110421
AU2011242634 AA	20111027	AU20110242634	20110421
AU2011242634 BB	20151022	AU20110242634	20110421
AU2016200396 AA	20160211	AU20160200396	20160122
AU2016200396 BB	20171130	AU20160200396	20160122
BR112012027021 A2	20180320	BR20121127021	20110421
CN102933082 A	20130213	CN201180023936	20110421
CO6640293 A2	20130322	CO20120210842	20121121
IN07197CN2012 A	20131220	IN2012CN07197	20120817
MX2012012196 A1	20130227	MX20120012196	20110421
US2013035303 AA	20130207	US20110641848	20110421
US2015230469 AA	20150820	US20150701146	20150430
US2017280722 AA	20171005	US20170631967	20170623
WO11133762 A1	20111027	WO2011US33415	20110421

Priority:

US20100326920P 20100422 AU20110242634 20110421 US20110641848 20110421
WO2011US33415 20110421 US20120641848 20121017 US20150701146 20150430
AU20160200396 20160122 US20170631967 20170623

Probable Assignee: GENESIS LABORATORIES INC

Assignee(s): (std): GENESIS LAB INC ; GENESIS LABORATORIES INC ; POCHE RICHARD

Inventor(s): (std): POCHE RICHARD ; RICHARD POCHE

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; CARLOS R OLARTE GARCIA; SWANSON AND BRATSCHUN L L C ET AL

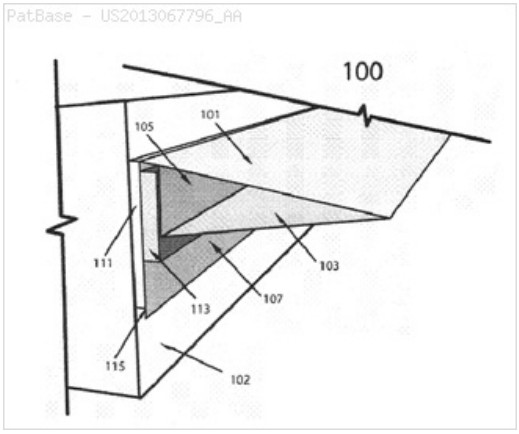
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33) Family number: 53272070 (US2013067796A)

Title: BED BUG TRAP OR BARRIER SURROUNDING A BED

Abstract: A bed bug device to trap or stop bed bugs may include a substantially vertical back wall having a first layer of detachably connected adhesive to detachably attach to a bed, a top wall being connected to the vertical back wall to prevent a user from interfering with the operation of the bed bug device, a bottom wall being connected to the top wall, and a second adhesive being connected to the vertical back wall to trap the bed bugs. This bed bug device or a double sided adhesive tape or a slippery tape (one face is slippery and the other face is adhesive) may be stuck to a special mattress cover to generate an upside down rectangular prism box shaped bed bug device, so that bed bugs hiding anywhere in the bedroom may not be able to travel to the top of the bed.

Classifications:
International (IPC 8-9): A01M1/10 A01M1/14 A01M29/00 A01M29/30 A01M29/34 A47G9/02 (Advanced/Invention)
CPC: A01M1/14 A01M1/103 A01M29/00 A01M29/30 A01M29/34 A47G9/02 A47G9/0238 A47G9/0246 Y02A50/374
US: 1/1 43/109 43/114



Family:

Publication number	Publication date	Application number	Application date
US2013067796 AA	20130321	US20110238268	20110921
US2016183511 AA	20160630	US20150975801	20151220
US9220254 BB	20151229	US20110238268	20110921

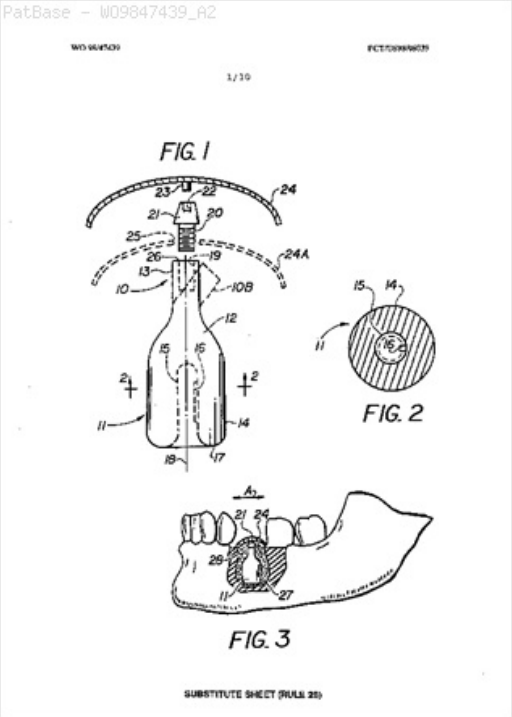
Priority:
US20110238268 20110921 US20150975801 20151220

Probable Assignee: CHANG EUGENE
Assignee(s): (std): CHANG EUGENE ; DONG DAHAI ; XU BIBO
Inventor(s): (std): XU BIBO ; CHANG EUGENE ; DONG DAHAI
Agent(s): WILSON DANIEL

34) Family number: 28282073 (US2002192198A)

Title: METHOD FOR GROWING HUMAN ORGANS AND SUBORGANS

Abstract: Organogenesis methods, including angiogenesis, are disclosed wherein genetic material, such as a growth factor and a physiological nutrient culture are employed in such process. Also included is another aspect of the invention wherein a physiological medium is used in combination with such genetic material to direct and/or control organogenesis.
Classifications:
International (IPC 8-9): A01N63/00 A61C5/00 A61C8/00 A61C8/02 A61K31/70 A61K35/00 A61K35/12 A61K35/14 A61K35/17 A61K35/22 A61K35/26 A61K35/28 A61K35/30 A61K35/32 A61K35/44 A61K35/545 A61K45/00 A61K48/00 A61K49/00 A61P19/02 A61P25/00 A61P3/10 A61P31/18 A61P35/00 A61P37/00 C12N5/071 C12N5/077 (Advanced/Invention); A61C8/00 (Core/Invention)
International (IPC 1-7): A01N63/00 A61C5/00 A61C8/00 A61K31/70 A61K48/00 A61K6/00 A61K7/28 C12N5/08
CPC: A61K38/00 A61K38/1709 A61K35/17 A61K35/22 A61K35/30 A61K35/545 A61K38/1825 A61K38/1866 A61K38/1875 A61K38/193 A61K38/2013 A61K48/00 A61C8/00 A61C8/0001 A61C8/0006 A61C8/0018 A61C8/0039 A61K35/32 A61K35/44 A61K48/005 A61K48/0058 A61K48/0075 C12N5/0654 C12N5/069 C12N2501/155 C12N2501/48 C12N2501/60
European: A61C8/00 A61C8/00B A61C8/00C1A A61C8/00F A61C8/00F30B A61K35/14 A61K35/28 A61K35/32 A61K35/44 A61K35/54 A61K35/54A A61K38/18 A61K48/00D A61K48/00D2 A61K48/00F C12N5/06B13B C12N5/06B28 K61C8/00C1A M12N501/155 M12N501/480 M12N501/600
US: 106/35 106/35S 424/423 424/423S 424/424 424/424P 424/50 424/50P 424/9.1 424/9.100P 424/93.1 424/93.100S 424/93.21 424/93.210P 424/93.210S 424/93.7 424/93.700P 424/93.700S 424/93.73 424/93.730P 433/173 433/173S 433/175 433/201.1 433/215 433/217.1 433/217.100S 435/366 435/366S 514/44 514/44.00RS 514/44R



Family:

Publication number	Publication date	Application number	Application date
AU199871442 A1	19981113	AU19980071442	19980421
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AU2003243621 BB	20081218	AU20030243621	20030617
AU2009200996 AA	20090402	AU20090200996	20090312
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AU2010241201 AA	20101125	AU20100241201	20101103
EP0693908 A1	19960131	EP19930913787	19930430
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EP0706351 A4	19960828	EP19940923309	19940630
EP1572089 A2	20050914	EP20030761094	20030617
EP1572089 A4	20101215	EP20030761094	20030617
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US2002192198 AA	20021219	US20020179589	20020625
US2003044396 AA	20030306	US20020268833	20021010
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US2007243179 AA	20071018	US20070810798	20070607
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US2011165131 AA	20110707	US20110038563	20110302
US5372503 A	19941213	US19930053886	19930427
US5378152 A	19950103	US19920877132	19920501
US5397235 A	19950314	US19930087185	19930702
US5759033 A	19980602	US19940326857	19941021
US9566135 BB	20170214	US20070986690	20071126
WO04000213 A2	20031231	WO2003US19147	20030617
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WO04000213 C2	20050113	WO2003US19147	20030617
WO9321855 A1	19931111	WO1993US04091	19930430
WO9424956 A1	19941110	WO1994US04766	19940428
WO9501760 A2	19950119	WO1994US07472	19940630
WO9501760 A3	19950302	WO1994US07472	19940630
WO9847439 A2	19981029	WO1998US08039	19980421
WO9847439 A3	19990225	WO1998US08039	19980421

Priority:

US19920877132 19920501 US19930053886 19930427 WO1993US04091 19930430
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WO2003US19147 20030617 US20030626761 20030724 US20040791648 20040302
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US20100897919 20101005 AU20100241201 20101103 US20110038563 20110302

Probable Assignee: BAINS JERRY W AND BAINS SALEE C IRREVOCABLE TRUST

Assignee(s): (std): BAINS JERRY W ; DENTAL MARKETING SPEC ; DENTAL MARKETING SPECIALISTS I ; DENTAL MARKETING SPEC INC ; BAINS SALEE C ; JERRY W BAINS RESTATED DEFINED ; JERRY W BAINS AND SALEE C BAIN ; JAMES P ELIA ; ELIA JAMES P ; DENTAL MARKETING SPECIALISTS INC ; JERRY W BAINS AND SALEE C BAINS IRREVOCABLE TRUST ; DENTAL MARKETING SPECIALISTS INC AN ARIZONA CORP ; SALEE BAINS ; ELLA JAMES P ; JERRY BAINS

Assignee(s): DENTAL MARKEYING SPECIALISTS INC ; SALEE C BAINS IRREVOCABLE TRUST ; JERRY W BAINS RESTATED DEFINED BENEFIT PENSION PLAN ; THE JERRY W BAINS AND SALEE C BAINS IRREVOCABLE TRUST ; DENTAL MARKEYING SPECIALISTS INC AN ARIZONA CORP ; DENTAL MARKETING SPECIALISTS INC (50 PERCENT) ; JERRY W BAINS AND SALEE C BAINS IRREVOCATBLE TRUST ; DENTAL MARKETING SPECIALISTS INC 50 PERCENT ; THE JERRY W BAINS AND SALEE C BAINS IRREVOCABLE TR ; JERRY W BAINS RESTATED DEFINED BENEFIT PENSION PLA ; JERRY W BAINS AND SALEE C BAINS ; BAINS SALEE C IRREVOCABLE TRUST ; JERRY W BAINS AND SALEE C BAINS IRREVOCABLE TRUS ; JERRY W BAINS AND SALEE C BAINES IRREVOCABLE TRUST ; BAINS LEIGH ANNE ; BAINS JERRY W (50 PERCENT) ; BAINS JERRY W AND BAINS SALEE C IRREVOCABLE TRUST ; BAINS JERRY W AND SALEE C BAINS IRREVOCABLE TRUST ; BAINS LEIGH ANN ; BAINS JERRY W 50 PERCENT

Inventor(s): (std): ELIA JAMES P ; JAMES P ELIA ; ELLA JAMES P

Inventor(s): ELLA JAMES ; ELIA JAMES

Agent(s): PHILLIPS ORMONDE FITZPATRICK; GERALD K WHITE ESQ GERALD K WHITE AND ASSOCIATES PC; GERALD K; CHARLES N

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 NI NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

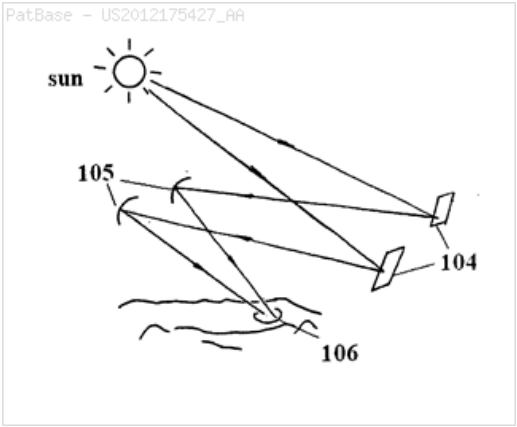
35) Family number: 51448074 (US2012175427A)

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Title: PROTECTION AGAINST NATURAL DANGERS CONNECTED WITH HUGE STREAMS MAINLY WATER, MUD, LOCUST

Abstract: A method and system for protection against natural temperature-dependent dangerous phenomena connected with huge streams mainly water, mud, locust. The method allows weakening these streams and allows protecting against these dangers at least at of the first two stages of development of said phenomena: forming these masses and their moving, as far as possible. The method allows protecting ecology and increasing CO2 absorption. The system allows also transporting the electrical energy that is received from solar radiation with help of solar cells flying in stratosphere to ground-based reception stations.

Classifications:
International (IPC 8-9): A01G15/00 (Advanced/Invention)
CPC: A01G15/00
European: A01G15/00
US: 239/14.1 239/14.100S 239/2.1 239/2.100P



Family:

Publication number	Publication date	Application number	Application date
US2012175427 AA	20120712	US20110930433	20110107

Priority:

US20110930433 20110107

Probable Assignee: FELDMAN ALEXANDER

Assignee(s): (std): FELDMAN ALEXANDER ; FELDMAN BORIS ; FELDMAN MICHAEL

Inventor(s): (std): FELDMAN BORIS ; FELDMAN MICHAEL ; FELDMAN ALEXANDER

36) Family number: 954074 (US3581429A)

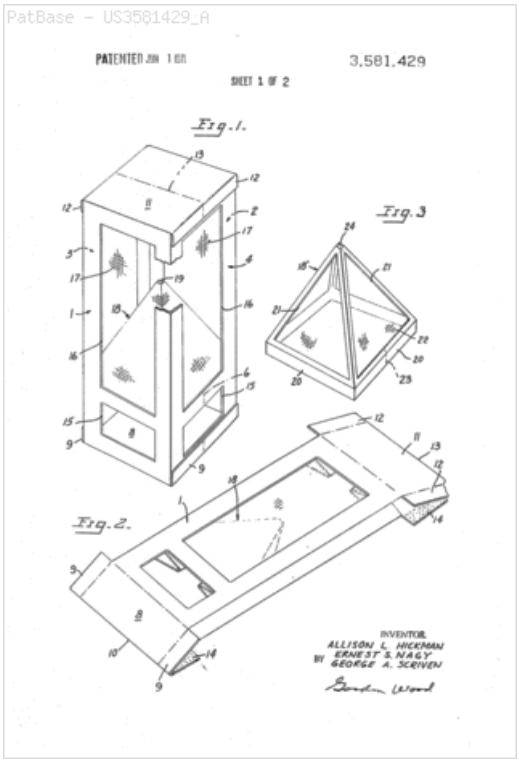
© PatBase

Title: INSECT TRAP

Abstract: (Claim 1) 1. An insect trap comprising: a plurality of sidewalls of paperboard or like material hingedly secured together and adapted to be expanded from a relatively flat condition to form a vertically extending container, means in said container intermediate its upper and lower ends and forming an upwardly converging conduit having an aperture at its upper end, said conduit being fixedly secured to said sidewalls along the lower periphery of said conduit to permit passage of an insect into the upper end of said container only through said aperture, an opening in at least one of said sidewalls providing an entrance for an insect into the space below said conduit, and means integrally secured to said sidewalls forming a bottom for said container and a support for bait.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 F16B5/00 (Advanced/Invention);
A01M1/00 A01M1/02 F16B5/00 (Core/Invention)
International (IPC 1-7): A01M1/00 A01M1/04
CPC: A01M1/02 A01M1/106 A01M2200/012 F16B5/00
European: A01M1/02 A01M1/02B A01M1/10F F16B5/00

K01M200/012 K01M201/02
US: 43/107 D22/122



Family:

Publication number	Publication date	Application number	Application date
US3581429 A	19710601	US19690813917	19690407

Priority:
US19690813917 19690407

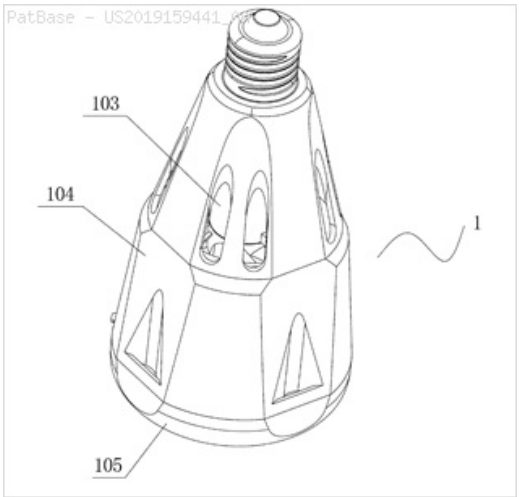
Probable Assignee: GORDON WOOD
Assignee(s): (std)**:** GORDON WOOD
Inventor(s): (std)**:** SCRIVEN GEORGE A ; NAGY ERNEST S ; HICKMAN ALLISON L
Inventor(s): ALLISON L HICKMAN ; GEORGE A SCRIVEN ; ERNEST S NAGY

37) Family number: 74513076 (US2019159441A)

Title: MOSQUITO-KILLING ILLUMINATING LAMP

Abstract: The present invention relates to a mosquito-killing illuminating lamp which comprises a casing and a control unit. The casing comprises an illuminating portion and a mosquito-killing portion. The illuminating portion is provided with illuminating components therein. An electrolysis carbon dioxide generating device and a fan are provided inside the mosquito-killing portion. The control unit controls operation of the illuminating components, the carbon dioxide generating device and the fan. The electrolysis carbon dioxide generating device comprises a box body and electrolysis components. The electrolysis components are provided inside the box body. An electrolyte solution is provided inside the box body. The box body is provided with a venting hole. The electrolysis components comprise a graphite electrode and a cathode plate. After conduction between the graphite electrode and the cathode plate, electrolysis is performed on the electrolyte solution to generate carbon dioxide.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/06 A01M1/08 C25B1/00 C25B11/12 C25B9/06 (Advanced/Invention)
CPC: A01M1/08 C25B1/00 A01M1/023 C25B11/12 A01M1/06 C25B9/06



Family:

Publication number	Publication date	Application number	Application date
US2019159441 AA	20190530	US20170823576	20171128

Priority:

US20170823576 20171128

Probable Assignee: ZHENG JUN

Assignee(s): (std)**:** ZHENG JUN

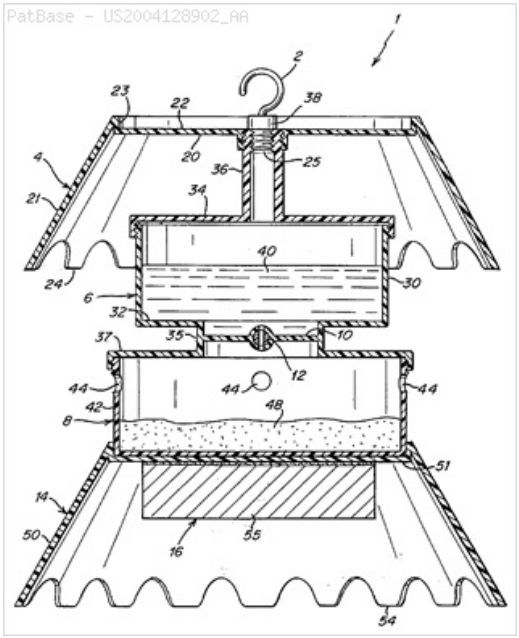
Inventor(s): (std)**:** ZHENG JUN

38) Family number: 30456078 (US2004128902A)

Title: INSECT/ARTHROPOD TRAP

Abstract: An insect and/or arthropod trapping device that generates its own attractants of carbon dioxide (CO2), and ammonia through the chemical reaction of adding a weakly acidic liquid such as vinegar (acetic acid) to solids such as baking soda (sodium bicarbonate), with the optional addition of urea and/or lactic acid. The liquids are mixed over a period of days onto the solids to generate CO2 in the vicinity of an insect/arthropod trap having glue boards that trap the insects and arthropods when they alight on the glue board. The attractants can be used with devices that utilize various combinations of other insect attractants and traps such as sound, light, scent, visual, electrical, chemical, sticky surfaces, mesh nets, etc., to further attract and trap or kill insects and/or arthropods.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01M1/14 A01M1/22 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/02 A01M1/04 A01M1/14 A01M1/20 A61K9/46
CPC: A01M1/023 A01M1/103 A01M1/106 A01M1/14 A01M1/145 A01M1/22 A01M2200/011 A01M2200/012
European: A01M1/02A A01M1/02B A01M1/02C A01M1/04 A01M1/10 A01M1/10C A01M1/10F A01M1/14 A01M1/14B A01M1/22 K01M200/011 K01M200/012 K01M201/01 K01M201/02
US: 424/466 424/466P 43/107 43/107P 43/107S 43/114 43/114P



Family:

Publication number	Publication date	Application number	Application date
AU2003277170 AA	20040419	AU20030277170	20030924
EP1553826 A1	20050720	EP20030798807	20030924
IN00624KN2005 A	20060224	IN2005KN00624	20050411
US2004128902 AA	20040708	US20030670109	20030924
US2005238713 AA	20051027	US20050169969	20050629
US2006016120 AA	20060126	US20050176155	20050707
US6920716 BB	20050726	US20030670109	20030924
WO04028247 A1	20040408	WO2003US31015	20030924

Priority:

US20020414936P 20020930 US20030467677P 20030502 US20030670109 20030924
WO2003US31015 20030924 US20050169969 20050629 US20050176155 20050707

Probable Assignee: TICKS OR MOSQUITOES LLC

Assignee(s): (std)**:** KOLLARS THOMAS M JR ; MASTERS EDWIN ; MASTERS JACQUELINE ; TICKS OR MOSQUITOES L L C ; TICKS OR MOSQUITOES LLC ; KOLLARS PEGGY G

Assignee(s): KOLLARS THOMAS M

Inventor(s): (std)**:** MASTERS EDWIN ; MASTERS JACQUELINE ; KOLLARS THOMAS M JR ; KOLLARS PEGGY G ; KOLLARS THOMAS M ; KOLLARS JR THOMAS M ; WOLF DAVID

Inventor(s): KOLLARS THOMAS MJR ; KOLLARS THOMAS ; KOLLARS PEGGY ; MASTER EDWIN ; THOMAS M JR KOLLARS ; EDWIN MASTERS ; JACQUELINE MASTERS ; THOMAS M ; PEGGY G KOLLARS ; KOLLARS ; JR THOMAS M

Agent(s): PIZZEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; WOLF GREENFIELD AND SACKS PC, FEDERAL RESERVE PLAZA; WOLF GREENFIELD AND SACKS PC FEDERAL RESERVE PLAZA; WOLF GREENFIELD AND SACKS PC

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 NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

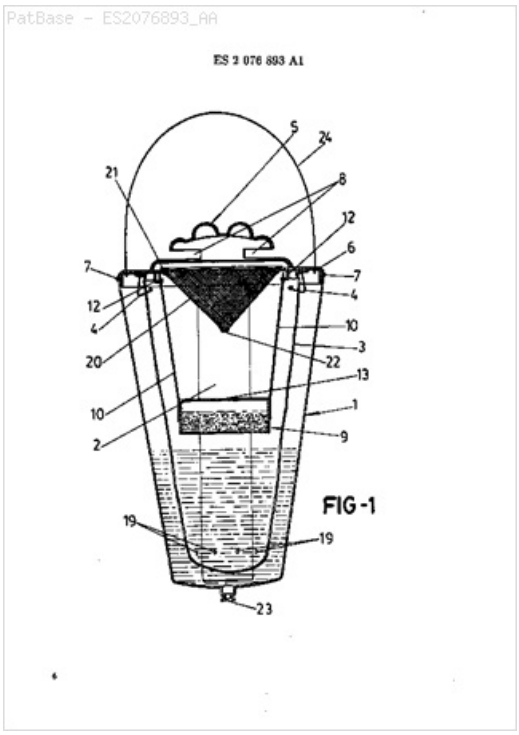
39) Family number: 18807080 (ES2076893A)

Title: Improvements introduced into insect-trapping devices

Abstract: This is a device which comprises an external container 1 in whose mouth an upper lid 5 is coupled, said lid being provided with an inlet 8 and a grid 20 in the form of a funnel via whose lower orifice 22 the insects pass to the inside,

attracted by the smell of the bait located in a container which hangs suspended from the upper lid 5, at the same time as it is inside an inner bag 3, via whose mouth it is anchored on hooks 4 fastened to said lid 5. Thus, when the insects are inside the plastic bag 3 they can no longer get out and finally fall to the bottom, where there is water. This water is also in the external container 1 since said bag has small lower orifices 19. When the plastic bag 3 is full of insects, it is taken out, together with the container 9 for the bait, and the whole thing is thrown away. Later, a new bag will be fitted, together with another container with its respective bait.

Classifications:
International (IPC 8-9): A01M1/10 (Advanced/Invention); A01M1/00 (Core/Invention)
International (IPC 1-7): A01M1/10



Family:

Publication number	Publication date	Application number	Application date
ES2076893 AA	19951101	ES19940000134	19940125
ES2076893 BA	19960816	ES19940000134	19940125

Priority:
ES19940000134 19940125

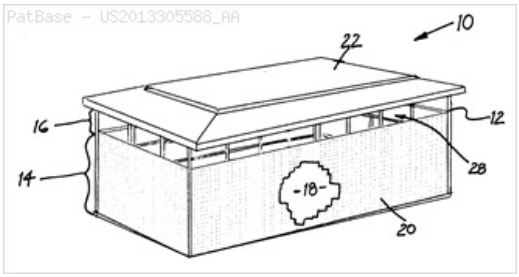
Probable Assignee: PUJOL MAGRINA M CANDELA
Assignee(s): (std): PUJOL MAGRINA M CANDELA
Inventor(s): (std): PUJOL MAGRINA M CANDELA ; LA SE ORA SOLICITANTE

40) Family number: 51605086 (US2013305588A)

Title: APPARATUS AND METHOD FOR KILLING FLYING INSECTS

Abstract: An apparatus (10) for killing flying insects comprises an open framework (12) having a lower portion (14) adapted to be located under ground level so as to define an in-ground enclosure, and an upper portion (16) which is adapted to be located above ground level and is continuous with the lower portion. The lower portion of the open framework includes a mesh (20) to prevent collapse of the ground around the enclosure. The apparatus (10) also includes means (24, 26) for spraying controlled amounts of insecticide into the in-ground enclosure, and a lid (22) for covering the top of the upper portion. In use, flying insects, such as sand flies and mosquitoes, may gain access into the in-ground enclosure by entering through an opening (28) in the open framework at the sides of the upper portion, and any such flying insects within the in-ground enclosure are killed by exposure to sprayed insecticide.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01M1/20 A01M11/00 A01M23/08 A01M7/00 A01M9/00 (Advanced/Invention)
CPC: A01M1/2016 A01M1/02 A01M1/106 A01M1/2038 Y02A50/371 Y02A50/373
European: A01M1/02 A01M1/10F A01M1/20C2H
US: 43/122 43/131 43/132.1



Family:

Publication number	Publication date	Application number	Application date
AU2012211037 AA	20120802	AU20120211037	20120125
US2013305588 AA	20131121	US20120981329	20120125
WO12100296 A1	20120802	WO2012AU00061	20120125

Priority:
AU20110900220 20110125 AU20120211037 20120125 WO2012AU00061 20120125

Probable Assignee: ELECTRICANN PTY LTD
Assignee(s): (std): CANN GARY VICTOR ; ELECTRICANN PTY LTD

Assignee(s): ELECTRICANN PTY LIMITED

Inventor(s): (std): CANN GARY VICTOR

Agent(s): CHURCHILL ATTORNEYS; GRIZIOTIS GEORGE

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 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 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 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

41) Family number: 59605086 (WO15097722A1)

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Title: DEVICE TO KILL INSECTS SUCH AS MOSQUITOES, FLIES AND SANDFLIES

Abstract: A device to kill harmful insects, such as mosquitoes and similar, comprising two or more grids (6A, 6B, 6C) having shaped openings and at least one being electrically charged, applied to one or more surfaces of an object; the grids (6A, 6B, 6C) are applied, at least partially, at at least one wall (9A, 9B, 9C) of a space (8A) of a building or of a cage (7A, 7B, 7C) where it is present at least one human being or animal (8), while at the remaining surfaces of the building or cage (7A, 7B, 7C) a structure is present that does not allow passing through of insects, such as a structure of glass, plastic, wood, masonry and/or mosquito-nets (131).

Classifications:
International (IPC 8-9): A01M1/02 A01M1/22 A01M1/24 A01M29/28 (Advanced/Invention)
CPC: A01M1/223 A01M1/023 A01M1/24 A01M29/28

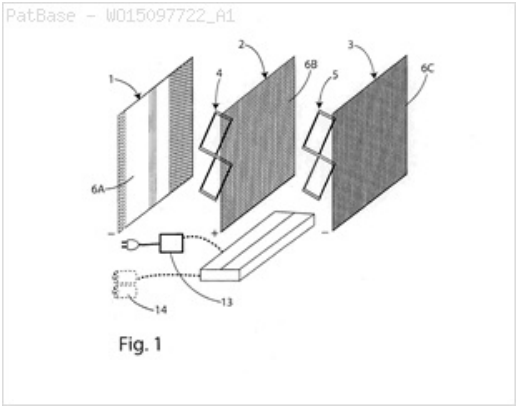


Fig. 1

Family:

Publication number	Publication date	Application number	Application date
ITVI20130315 A1	20150625	IT2013VI00315	20131224
WO15097722 A1	20150702	WO2014IT00342	20141222

Priority:
IT2013VI00015 20131224 IT2013VI00315 20131224

Probable Assignee: STELLA ALESSIO

Assignee(s): (std): STELLA ALESSIO

Inventor(s): (std): STELLA ALESSIO

Agent(s): SANTI FILIPPO

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

42) Family number: 42044088 (US2009099135A)

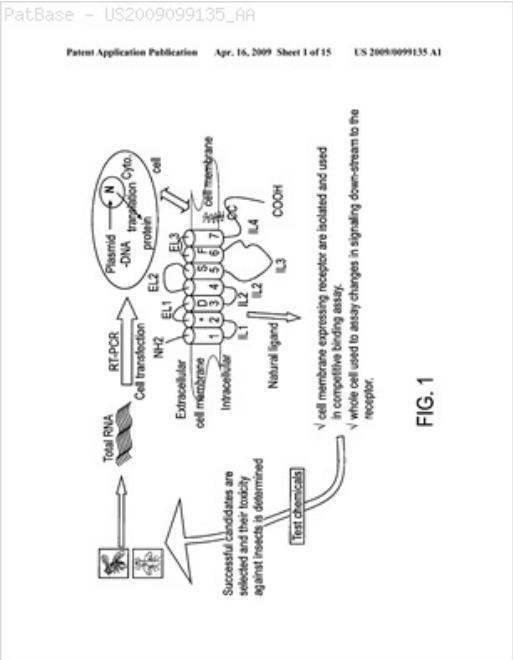
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Title: PEST CONTROL COMPOSITIONS AND METHODS

Abstract: Embodiments of the present invention provide compositions for controlling a target pest including a pest control product and at least one active agent, wherein: the active agent can be capable of interacting with a receptor in the target pest; the pest control product can have a first activity against the target pest when applied without the active agent and the compositions can have a second activity against the target pest; and the second activity can be greater than the first activity.

Classifications:
International (IPC 8-9): A01N27/00 A01N29/12 A01N35/04 A01N37/02 A01N37/18 A01N37/36 A01N43/12 A01N43/16 A01N43/40 A01N43/50 A01N43/52 A01N43/56 A01N43/78 A01N43/88 A01N43/90 A01N47/12 A01N51/00 A01N53/06 A01N53/08 A01N57/12 A01N57/14 A01N57/16 A01N65/00 A01N65/08 A01N65/12 A01N65/16 A01N65/22 A01N65/32 A01P3/00 A01P7/00 A01P7/02 A01P7/04 G01N33/50 (Advanced/Invention); C12Q1/02 (Advanced/Non-invention); A01N27/00 A01N29/00 A01N37/02 A01N37/18 A01N43/02 A01N43/34 A01N43/48 A01N43/72 A01N43/90 A01N47/10 A01N51/00 A01N53/00 A01N57/00 A01N65/00 A01N65/08 A01N65/12 A01N65/16 A01N65/22 A01P3/00 A01P7/00 A01P7/02 A01P7/04 G01N33/50 (Core/Invention); C12Q1/02 (Core/Non-invention)
International (IPC 1-7): G01N33/50
CPC: A01N65/32 A01N65/12 A01N65/08 A01N37/18 A01N37/36 A01N27/00 A01N43/50 A01N43/78 A01N43/88 A01N65/22 A01N65/16 A01N37/02 A01N35/04 A01N65/00 G01N2333/726 Y02A50/331 Y02A50/352 Y02A50/354
European: A01N65/00 S01N333/72B
US: 424/745 424/764 514/122 514/122S 514/132 514/132S 514/299

514/299S 514/341 514/341S 514/343 514/343S 514/365 514/365S 514/395 514/395S 514/407 514/407S 514/453 514/453S 514/469 514/469S 514/477 514/477S 514/481 514/481S 514/486 514/486S 514/520 514/520S 514/531 514/531S 514/748 514/748S 514/86 514/86P 514/89 514/89S



Family:

Publication number	Publication date	Application number	Application date
AU2008205516 AA	20080724	AU20080205516	20080116
BRPI0806666 A2	20110906	BR2008PI06666	20080116
CR10931 A	20091016	CR20090010931	20090715
EP2077724 A2	20090715	EP20080724542	20080116
IN05273DN2009 A	20100409	IN2009DN05273	20090817
JP2010515775 T2	20100513	JP20090546415T	20080116
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MX2009007637 A1	20090928	MX20090007637	20080116
US2009099135 AA	20090416	US20080009220	20080116
US2014377385 AA	20141225	US20140290892	20140529
WO08088827 A2	20080724	WO2008US00573	20080116
WO08088827 A3	20081231	WO2008US00573	20080116

Priority:

US20070885214P 20070116 US20070885403P 20070117 US20070889259P 20070209
US20080009220 20080116 WO2008US00573 20080116 US20140290892 20140529

Probable Assignee: TYRATECH INC

Assignee(s): (std)**:** ENAN ESSAM ; TYRATECH INC

Inventor(s): (std)**:** ENAN ESSAM

Inventor(s): ESSAM ENAN

Agent(s): GRIFFITH HACK; HOEIBERG A S; SONNENSCHEIN NATH AND ROSENTHAL LLP; GIBSON HAL W 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 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

43) Family number: 65275088 (IN03013DE2015A)

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Title: A MOSQUITO ATTRACTANT OR LURENT COMPOSITION AND THE DEVICE THEREOF

Abstract: A device and method is describe for producing CO2, body odour and other attractants such as lights, heat, moisture, together as an mosquito-insects attractants near or within an electric field enclosure. The invention describes a use of developed low cost non-hazardous material in a specially design device which produces mosquito-insects attractants in more economical and convenient way, which lures the mosquitoes-insects towards the source i.e. device and gets eventually kill by electric field. The invention has low operating cost and effective way of controlling the mosquitoes-insects menace without any negative implications on user health or environment.

Classifications:
International (IPC 8-9): A01M1/00 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
IN03013DE2015 A	20170324	IN2015DE03013	20150923

Priority:

IN2015DE03013 20150923

Probable Assignee: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

Assignee(s): COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

Inventor(s): AMIT KUMAR BANSIWAL ; ASHEESH SHARMA ; SUSHANT BABARAO WATH

44) Family number: 15490092 (US5525296A)

Title: ARTICLE AND METHOD FOR ARCHIVAL PRESERVATION WITH AN ORGANOPHILIC, HYDROPHOBIC OR ACID-RESISTANT MOLECULAR SIEVE

Abstract: A preservation article for the preservation of an archival article, wherein the preservation article includes a molecular sieve which is organophilic, hydrophobic or acid-resistant. A method of preserving an archival article which involves providing a preservative article in proximity to an archival article, wherein the preservation article includes a molecular sieve which is organophilic, hydrophobic or acid-resistant. The preservation article may be coated on or incorporated into a container, a packaging material, a support for an archival article or the archival article itself.

Classifications:

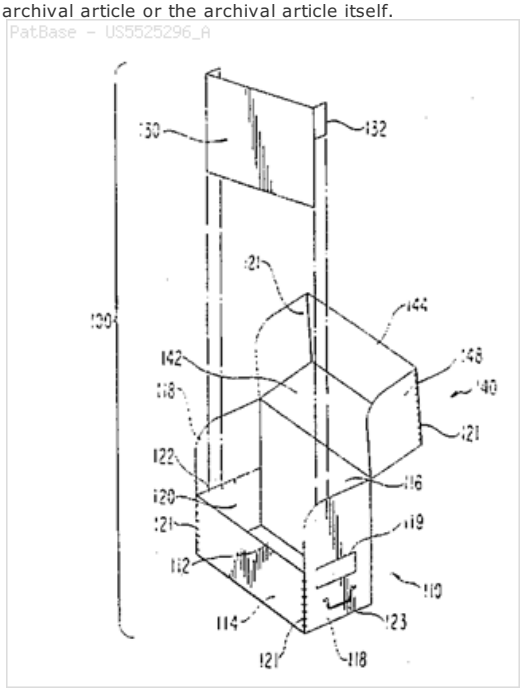
International (IPC 8-9): B01J20/00 B32B27/10 B32B29/00 B41M7/00 B42F7/14 B65B61/20 B65D5/56 B65D81/24 B65D81/26 C09D5/00 C09J9/00 D21H21/38 D21H25/18 G03C11/00 G03C11/08 G03C3/00 (Advanced/Invention);
B32B27/10 B32B29/00 B41M7/00 B42F7/00 B65B61/20 B65D5/56 B65D81/26 D21H21/14 D21H25/00 G03C11/00 G03C3/00 (Core/Invention)

International (IPC 1-7): A01N59/06 A01N59/16 B01D53/02 B01J19/00 B01J20/00 B03C11/00 B27K5/00 B32B29/00 B32B29/00 B32B5/16 B32B9/06 B41M7/00 B41M7/00 B65B61/20 B65D5/56 B65D65/38 B65D81/24 B65D81/26 B65D85/00 C09D5/00 C09J9/00 D21H19/00 D21H19/12 D21H25/18 G03C11/08 G03C3/00 G03C3/00

CPC: Y10T428/1303 Y10T428/1348 Y10T428/1352 Y10T428/1362 Y10T428/1376 Y10T428/24694 Y10T428/25 B65B61/20 B32B29/00 B41M7/0063 B42F7/145 B65D5/563 B65D81/266 B65D81/267 G03C3/00 G03C11/00 G03C11/08 Y10T428/1307 Y10T428/1372 Y10T428/259 Y10T428/31681 Y10T428/31786 Y10T428/3179 Y10T428/31978 Y10T428/31982 Y10T428/31993 Y10T428/31504 Y10T428/31986 Y10T428/249953 Y10T428/249964 B32B7/12 B32B27/36 B32B29/005 B32B29/08 B32B2307/3065 B32B2307/7242 B32B2439/00 B32B27/10 D21H25/18

European: B32B27/10 B32B29/00 B41M7/00C B41M7/00P B42F7/14B B65B61/20 B65D5/56B B65D81/26F B65D81/26F1 D21H25/18 G03C11/00 G03C11/08 G03C3/00 L41M7/00

US: 162/160 162/164.2 162/181.2 162/181.6 162/181.9 206/204 206/205 206/524.2 206/524.3 229/3.5R 229/5.81 422/291 422/40 428/182 428/304.4 428/311.51 428/323 428/331 428/34.2 428/34.3 428/343 428/35.6 428/35.7 428/36.1 428/36.4 428/36.5 428/364 428/411.1 428/438 428/458 428/480 428/481 428/534 428/535 428/536 428/537.5 8/116.1 96/135



Family:

Publication number	Publication date	Application number	Application date
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AU666924 B2	19960229	AU19930035561	19930329
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EP0564947 B1	20020130	EP19930105154	19930329
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EP1126082 A2	20010822	EP20010112475	19930329
EP1126082 A3	20011205	EP20010112475	19930329
ES2171402 T3	20020916	ES19930105154T	19930329
US5525296 A	19960611	US19930149399	19931109
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US5676909 A	19971014	US19950514218	19950811
US5683662 A	19971104	US19950460883	19950605
US5693384 A	19971202	US19930032076	19930316
US5714120 A	19980203	US19950465310	19950605
US5922280 A	19990713	US19970843708	19970416

Priority:

US19920860078 19920330 US19930032076 19930316 CA19932092518 19930325
EP19930105154 19930329 US19930149399 19931109 US19950465310 19950605
US19950460883 19950605 US19950514218 19950811 CA19962182924 19960808
CA19962524814 19960808 US19970843708 19970416

Probable Assignee: CONSERVATION RESOURCES INT INC

Assignee(s): (std): CONSERVIATION RESOURCES INTERN ; CONSERVATION RESOURCES INTERNA ; HOLLINGER JR WILLIAM K ; CONVERSATION RESOURCES INTERNA ; HOLLINGER JUN ; WILLIAM K HOLLINGER JR ; HOLLINGER WILLIAM K ; HOLLINGER WILLIAM K JR

Assignee(s): CONSERVATION RESOURCES INT ; CONSERVATION RESOURCES INT INC ; HOLLINGER JUN WILLIAM K ; CONVERSATION RESOURCES INT INC ; CONSERVIATION RESOURCES INTERNATIONAL INC ; CONVERSATION RESOURCES INTERNATIONAL INC ; CONSERVIATION RESOURCES INT INC ; CONSERVATION RESOURCES INTERNATIONAL INC

Inventor(s): (std): HOLLINGER JR WILLIAM K ; HOLLINGER WILLIAM K JR ; WILLIAM K HOLLINGER JR ; HOLLINGER WILLIAM K ; HOLLINGER JUN WILLIAM K

Inventor(s): HOLLINGER JUN

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; MALLESONS STEPHEN JAQUES; KING

AND WOOD MALLESONS; MINTER ELLISON; SMART AND BIGGAR; GOUDREAU GAGE DUBUC; LAVERY DE BILLY LLP

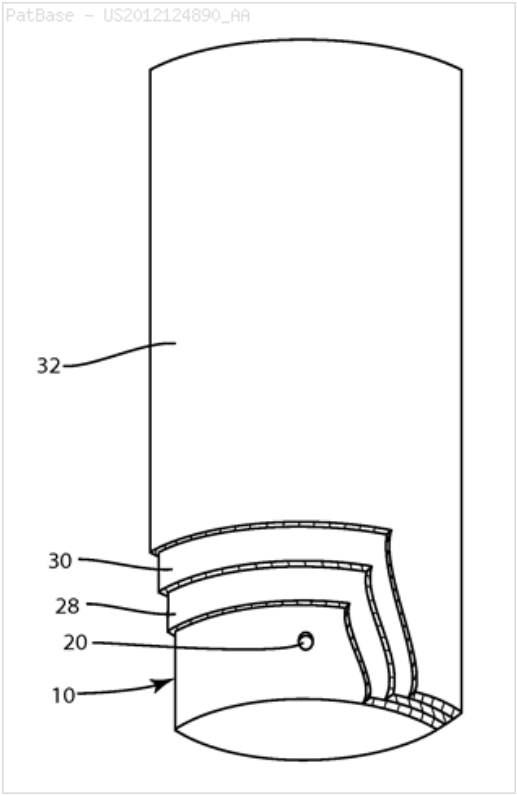
Designated states: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

45) Family number: 51114093 (US2012124890A)

Title: ARTHROPOD BIOASSAY AND CONTROL DEVICE

Abstract: An apparatus and method that replaces human subjects in laboratory and field testing of products intended to control blood-feeding arthropods and secondly a toxic bait device based on the same apparatus. The apparatus, because of its size and ease of use, can be used in all standard laboratory and field efficacy tests in place of human subjects for products intended to kill or repel arthropods thus providing continuity in test apparatus and methodology not currently possible.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention)
CPC: A01M1/023 A01M1/026
European: A01M1/02C A01M1/02E
US: 43/121 43/121P



Family:

Publication number	Publication date	Application number	Application date
US2012124890 AA	20120524	US20110300241	20111118
WO12068506 A1	20120524	WO2011US61476	20111118

Priority:

US20100415628P 20101119 US20110447845P 20110301 US20110300241 20111118

Probable Assignee: BIOOPUS LLC

Assignee(s): (std): BIOOPUS LLC ; HAINZE JOHN H

Inventor(s): (std): HAINZE JOHN H

Agent(s): WOZNY THOMAS M 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 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 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 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

46) Family number: 28263095 (US2002161014A)

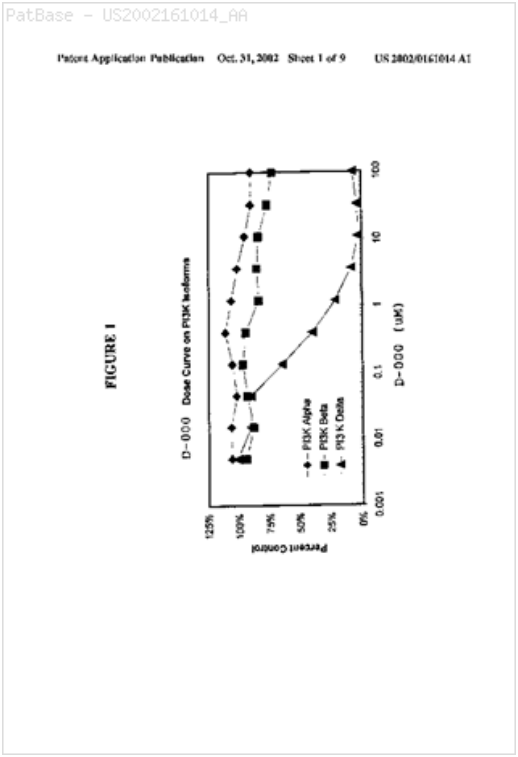
Title: INHIBITORS OF HUMAN PHOSPHATIDYLINOSITOL 3-KINASE DELTA

Abstract: Methods of inhibiting phosphatidylinositol 3-kinase delta isoform (PI3Kdelta) activity, and methods of treating diseases, such as disorders of immunity and inflammation, in which PI3Kdelta plays a role in leukocyte function are disclosed. Preferably, the methods employ active agents that selectively inhibit PI3Kdelta, while not significantly inhibiting activity of other PI3K isoforms. Compounds are provided that inhibit PI3Kdelta activity, including compounds that selectively inhibit PI3Kdelta activity. Methods of using PI3Kdelta inhibitory compounds to inhibit cancer cell growth or proliferation are also provided. Accordingly, the invention provides methods of using PI3Kdelta inhibitory compounds to inhibit PI3Kdelta-mediated processes in vitro and in vivo.

FDA Data:

Application number	Active ingredient	Proprietary name	Applicant	Date of approval
205858	IDELALISIB □□	ZYDELIG □□	GILEAD SCIENCES INC	Jul 23, 2014

Classifications:
International (IPC 8-9): A01N43/54 A01N43/90 A61K A61K31/505 A61K31/506 A61K31/513 A61K31/517 A61K31/519 A61K31/52 A61K31/53 A61K31/5377 A61P A61P1/04 A61P1/16 A61P11/00 A61P11/06 A61P13/12 A61P17/00 A61P17/02 A61P17/04 A61P17/06 A61P19/02 A61P19/08 A61P19/10 A61P21/00 A61P25/00 A61P25/02 A61P27/02 A61P29/00 A61P3/10 A61P31/04 A61P35/00 A61P35/02 A61P37/00 A61P37/06 A61P37/08 A61P43/00 A61P5/14 A61P7/00 A61P7/08 A61P9/00 A61P9/10 C07D C07D239/00 C07D239/72 C07D249/00 C07D401/00 C07D403/06 C07D403/12 C07D413/12 C07D413/14 C07D473/00 C07D473/04 C07D473/16 C07D473/20 C07D473/22 C07D473/24 C07D473/30 C07D473/32 C07D473/34 C07D473/38 C07D473/40 C07D487/00 C07D487/04 C12N9/12 C12N9/99 (Advanced/Invention);
A61K31/52 A61P3/14 C07D239/00 C07D249/00 (Advanced/Non-invention);
A61K31/00 A61K31/517 A61K31/519 A61K31/53 A61P1/00 A61P11/00 A61P13/00 A61P17/00 A61P19/00 A61P21/00 A61P25/00 A61P27/00 A61P29/00 A61P3/00 A61P31/00 A61P35/00 A61P37/00 A61P43/00 A61P5/00 A61P7/00 A61P9/00 C07D239/00 C07D249/00 C07D403/00 C07D473/00 C07D487/00 (Core/Invention);
A61K A61P C07D (Subclass/Invention)
International (IPC 1-7): A61K A61K31/33 A61K31/4709 A61K31/497 A61K31/501 A61K31/505 A61K31/506 A61K31/517 A61K31/519 A61K31/52 A61K31/53 A61K31/5377 A61P A61P1/04 A61P1/16 A61P11/00 A61P11/06 A61P13/12 A61P17/00 A61P17/02 A61P17/04 A61P17/06 A61P19/02 A61P19/10 A61P21/00 A61P25/00 A61P25/02 A61P27/02 A61P29/00 A61P3/10 A61P31/04 A61P35/00 A61P35/02 A61P37/00 A61P37/06 A61P37/08 A61P43/00 A61P5/14 A61P7/00 A61P7/08 A61P9/00 A61P9/10 C07D239/00 C07D239/72 C07D249/00 C07D403/12 C07D473/00 C07D473/04 C07D473/16 C07D473/20 C07D473/22 C07D473/24 C07D473/30 C07D473/34 C07D473/38 C07D473/40 C07D487/04
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US: 435/184 514/183 514/234.5 514/234.500P 514/245 514/249 514/252.04 514/252.040P 514/252.16 514/252.160S 514/255.05 514/255.050S 514/256 514/256S 514/261.1 514/261.100S 514/263.1 514/263.2 514/263.21 514/263.210P 514/263.210S 514/263.3 514/266.1 514/266.2 514/266.200P 514/266.21 514/266.210S 514/266.23 514/266.230S 514/266.3 514/272 514/309 514/309S 514/312 514/312S 544/116 544/118 544/118P 544/212 544/212S 544/219 544/254 544/254S 544/256 544/264 544/265 544/265S 544/276 544/276S 544/277 544/277S 544/283 544/284 544/284S 544/287 544/290 544/319



Family:

Publication number	Publication date	Application number	Application date
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US8623881 BB	20140107	US20090575277	20091007
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US8653077 BB	20140218	US20110247962	20110928
US9487772 BB	20161108	US20130092287	20131127
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WO0181346 A2	20011101	WO2001US13315	20010424
WO0181346 A3	20020321	WO2001US13315	20010424
WO03035075 A1	20030501	WO2002US27240	20020827
YU80402 A	20050919	YU20020000804	20010424
ZA200208698 A	20031010	ZA20020008698	20021028

Priority:

US20000199655P 20000425	US20000199655 20000425	US20000238057P 20001005
US20000238057 20001005	EP20010928855 20010424	EP20080006457 20010424
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US20160281702 20160930 US20170589910 20170508 US20180993299 20180530

Probable Assignee: ICOS CORP

Assignee(s): (std): DICK KEN ; DICK KENNETH O ; DICK KENNITH O ; ICOS ; KESICKI EDWARD A ; OLIVER AMY ; SADHU CHANCHAL ; TREIBERG JENNIFER ; SOWELL C GREGORY ; ICOS CORP ; ICOS CORP BOTHELL

Assignee(s): ICOS CORP INDIANAPOLIS ; THIS COURSE CORP ; ICOS A DELAWARE CORP ; ICOS BOTHELL CORP ; ICOS BOTHELL WASHINGTON CORP

Inventor(s): (std): SADHU CHANCHAL ; DICK KEN ; TREIBERG JENNIFER ; SOWELL C GREGORY ; KESICKI EDWARD A ; OLIVER AMY ; DICK KENNETH O ; SADHU C ; DICK K ; TREIBERG J ; CHANCHAL SADHU ; KEN DICK ; JENNIFER TREIBERG ; AMY OLIVER ; SOWELL C G ; SOWELL CGREGORY ; C GREGORY SOWELL ; EDWARD A KESICKI ; ARMY OLIVER ; SOWELL C ; DICK KENNETH ; KESICKI EDWARD ; DICK KENNITH O ; SADHUCHANCHAL ; SOWELL GREGORY C ; TREINBERG JENNIFER ; SOWELL GREGORY ; SADHU CHANCAL ; OLIVER ARMY ; GREGORY SOWELL C ; SADHU CHANCH

Inventor(s): CHANCH SADHU ; GREGORY SOWELL ; CHANCAL SADHU ; KESICKI EDWARD A BOTHELL ; SADHU CHANCAL BOTHELL ; SOWELL GREGORY MAKILTEO ; DICK KEN BOTHELL ; OLIVER AMY BOTHELL ; TREIBERG JENNIFER BOTHELL ; KENNETH O DICK ; C SADHU ; K DICK ; J TREIBERG

Agent(s): WRAYS; SMART AND BIGGAR; MARKS AND CLERK LUXEMBOURG LLP; BARTON MATTHEW THOMAS; GOODFELLOW HUGH ROBIN; CARPMAELS AND RANSFORD LLP; VALLEJO JUAN PEDRO; ROBIN BRIDGE AND JOHN LIU; DEACONS; REINHOLD COHN AND PARTNERS; TOLGA CAYLAK; MARSHALL GERSTEIN AND BORUN LLP; MORRISON AND FOERSTER 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 CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

47) Family number: 42258095 (IN00196MU2007A)

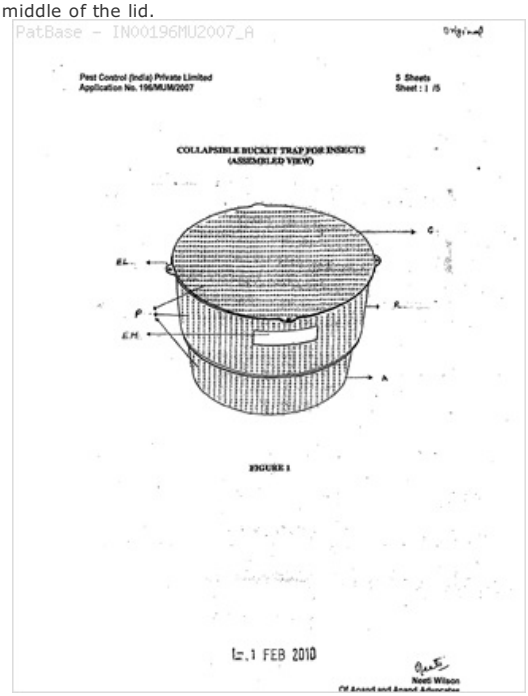
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Title: COLLAPSIBLE BUCKET TRAP FOR INSECTS

Abstract: The present invention relates to a collapsible bucket trap for insects comprising: a. a lower container having ah outwardly projecting rim at its top, b. an upper container provided with at least one entry holes for insects, and having an inwardly projecting rim at the bottom to hold the lower container and an outwardly projecting rim at the top c. a flat lid with one eyelet and a downward projecting rim at its bottom for placing it tightly on the bucket, d. a lure holder at the center of the lower portion of the inner wall of the lid for attaching the pheromone dispenser, e. at least one additiol lure holder attachment to facilitate use of pheromone dispensers hung from the middle of the lid.

Classifications:

International (IPC 1-7): A01M1/00



Family:

Publication number	Publication date	Application number	Application date
IN00196MU2007 A	20081003	IN2007MU00196	20070202

Probable Assignee: PEST CONTROL INDIA PRIVATE LTD

Assignee(s): PEST CONTROL INDIA PRIVATE LTD

Inventor(s): K P JAYANTH

48) Family number: 30589099 (US2004101851A)

© PatBase

Title: INTELLIGENT ELECTRO-OPTICAL NUCLEIC ACID-BASED SENSOR ARRAY AND METHOD FOR DETECTING VOLATILE COMPOUNDS IN AMBIENT AIR

Abstract: The present invention generally relates to nucleic acid-based sensors and methods for detecting volatile analytes. More particularly, this invention relates to nucleic acid-based optical sensors, sensor arrays, sensing systems and sensing methods for intelligent sensing and detection of unknown materials by way of real-time feedback and control of sampling conditions.

Classifications:

International (IPC 8-9): A01N43/04 C12M1/34 C12Q1/68 G01N1/22 G01N19/10 G01N21/64 G01N21/78 G01N33/00 G01N33/22

G01N33/54 G01N33/543 G01N33/55 G01N33/551 G01N9/00 G06F19/00 (Advanced/Invention);
G01N21/77 G01N31/22 G01N37/00 (Advanced/Non-invention);
A01N43/02 C12M1/34 C12Q1/68 G01N1/22 G01N19/00 G01N21/64 G01N21/77 G01N33/00 G01N33/22 G01N33/54 G01N33/543 G01N33/55 G01N33/551 G01N9/00 G06F19/00 (Core/Invention);
G01N31/22 G01N37/00 (Core/Non-invention);
G01N (Subclass/Invention)
International (IPC 1-7): C12M1/34 C12Q1/68 G01N G01N33/543 G01N33/551
CPC: Y10T436/186 G01N33/0034 C12Q1/68 G01N33/0004 G01N33/227 G01N21/783 C12Q1/6825 G01N31/22 G01N2021/6432 G01N2021/7786
European: C12Q1/68 C12Q1/68B2H G01N21/78B G01N33/00D2D2N S01N21/64H4 S01N21/77H6 S01N21/78B S01N31/22
US: 422/404 422/404S 422/82.06 422/82.08 435/287.2 435/287.200S 435/6 435/6.1 435/6.100P 435/6.19 435/6.190P 435/6P 436/122 702/20 702/20S 702/23 73/23.2 73/232 73/31.1 73/311

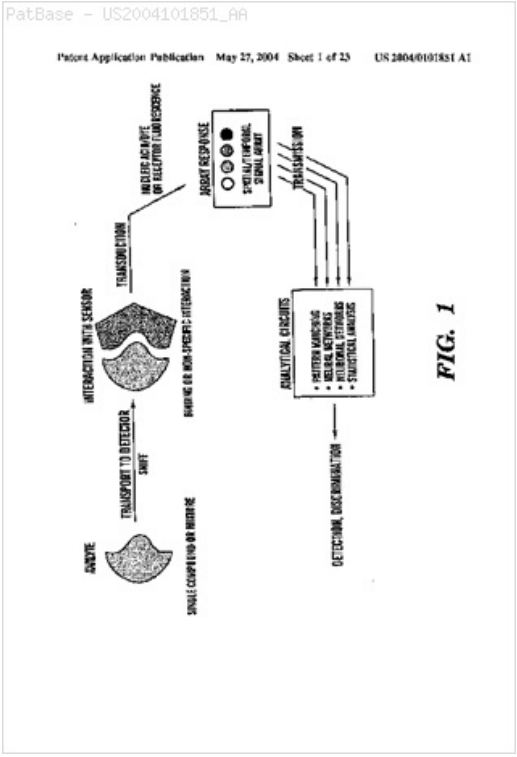


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
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AU2003299576 AH	20040618	AU20030299576	20031125
CA2547331 AA	20060524	CA20032547331	20031125
EP1578896 A2	20050928	EP20030799861	20031125
EP1578896 A4	20091111	EP20030799861	20031125
JP2006507507 T2	20060302	JP20040555829T	20031125
US2004101851 AA	20040527	US20020303548	20021125
US2006073483 AA	20060406	US20030535748	20031125
US7062385 BB	20060613	US20020303548	20021125
WO04048937 A2	20040610	WO2003US38186	20031125
WO04048937 A3	20050303	WO2003US38186	20031125

Priority:

US20020303548 20021125 US20020428869P 20021125 US20030535748 20031125
WO2003US38186 20031125 US20050535748 20050927

Probable Assignee: TUFTS UNIV

Assignee(s): (std): KAUER JOHN S ; UNIV TUFTS ; WHITE JOEL E

Assignee(s): TUFTS UNIVERSITY ; 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 ; NAVY SECRETARY OF UNITED STATES OF AMERICA ; TUFTS UNIV

Inventor(s): (std): KAUER JOHN S ; WHITE JOEL E

Inventor(s): WHITE JOEL ; JOEL E WHITE ; JOHN S KAUER ; KAUER JOHN

Agent(s): OGILVY RENAULT LLP SENCRL SRL; SHIMIZU HATSUSHI; DAVID S RESNICK; DAVID S; NIXON PEABODY LLP

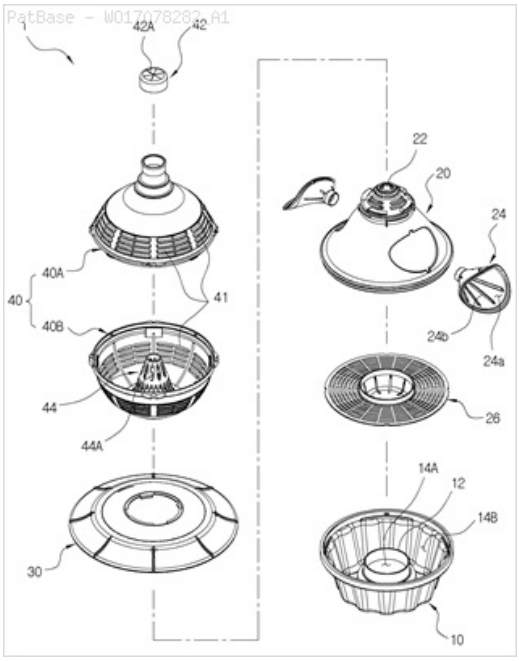
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC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

49) Family number: 65617100 (WO17078282A1)

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Title: WASP CATCHING DEVICE

Abstract: Provided is a wasp catching device for catching wasps by using an attractant, the device comprising: an accommodation container in which the attractant is accommodated; an inlet member having a connection passage formed on the upper surface thereof at the upper part of the accommodation container, having a plurality of funnel-shaped inlets coupled by a rotation method so as to be detachably coupled and having each inlet passage formed to prevent the wasps from passing therethrough and to enable only honeybees to pass therethrough, and having a blocking net coupled to the bottom side thereof by the rotation method so as to primarily catch the wasps; a sunshade member coupled to the upper part of the inlet member by the rotation method; and a catching member coupled to the top of the inlet member at the upper part of the sunshade member by the rotation method, and having the upper end thereof to which a soft cap is coupled and the lower end thereof in which a luring passage, which lure the wasps or honeybees entering through the connection passage, is formed, such that the catching member is provided to secondarily catch the wasps and enable the honeybees to escape. Accordingly, due to an effect of smoothly catching only the wasps without difficulty or inconvenience, honeybee colonies are prevented from being destroyed, and thus the present invention also has an effect of increasing a honey yield.
Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention)
CPC: A01M1/02 A01M1/106 A01M2200/012 A01M1/10



Family:

Publication number	Publication date	Application number	Application date
CN108347912 A	20180731	CN201680064808	20161010
EP3360412 A1	20180815	EP20160862300	20161010
EP3360412 A4	20190327	EP20160862300	20161010
KR101799771 B1	20171121	KR20150155558	20151106
KR101845239 B1	20180404	KR20160066612	20160530
KR20170053275 A	20170516	KR20150155558	20151106
KR20170135154 A	20171208	KR20160066612	20160530
WO17078282 A1	20170511	WO2016KR11319	20161010

Priority:

KR20150155558 20151106 KR20160066612 20160530 WO2016KR11319 20161010

Probable Assignee: OH JU A

Assignee(s): (std)**:** OH JU A ; OH SEUNG JAE

Inventor(s): (std)**:** OH JU A ; OH SEUNG JAE

Agent(s): MUELLER VERWEYEN; WELL PATENT LAW FIRM

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP 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

50) Family number: 33154102 (GB2426196A)

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Title: A METHOD AND DEVICE FOR DISSEMINATION OF ENTOMOPATHOGENS INVOLVING A TEMPORARY TRAP WITH AN INSECT ATTRACTANT AND AN ENTOMOPATHOGEN

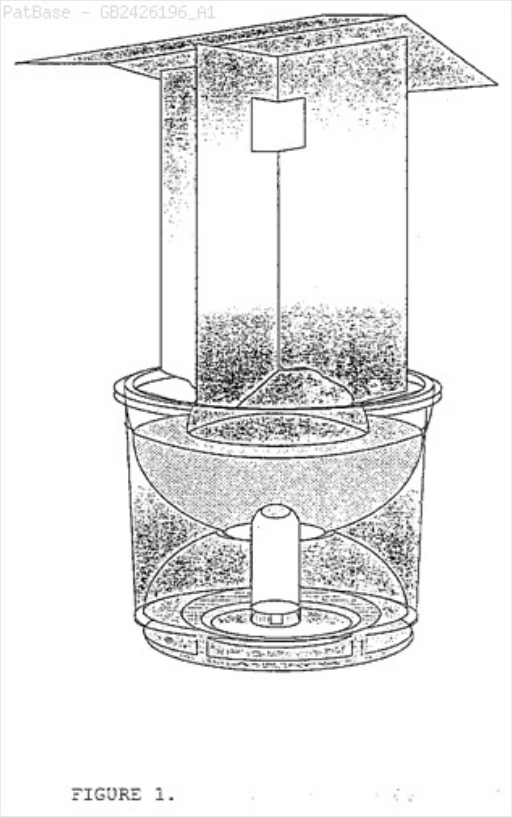
Abstract: The invention is directed to a method and device for dissemination of one or more entomopathogens involving use of a device to attract insects, infect them with the entomopathogens and then allowing them to escape to their natural habitat and disseminate the entomopathogens. The method is particularly useful for the biological control of insect pests.

Classifications:

International (IPC 8-9): A01M1/02 A01M1/20 A01N25/00 A01N37/02 A01N63/00 A01N63/04 (Advanced/Invention);
A01M1/02 A01M1/20 A01N25/00 A01N37/02 A01N63/00 A01N63/04 (Core/Invention)

CPC: A01N63/00 A01M1/2016 A01N63/04 A01M1/02 A01N25/00 A01N37/02

European: A01M1/02 A01M1/20B2 A01N25/00 A01N37/02 A01N63/00 A01N63/04



Family:

Publication number	Publication date	Application number	Application date
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GB2426196 A1	20061122	GB20060009796	20060517
GB2426196 B2	20081015	GB20060009796	20060517
MY142119 A	20100915	MY20050002242	20050517

Priority:

MY20050002242 20050517

Probable Assignee: MALAYSIAN PALM OIL BOARD

Assignee(s): (std)**:** MALAYSIAN PALM OIL BOARD

Inventor(s): (std)**:** KAMARUDDIN NORMAN ; MOSLIM RAMLE ; WAHID MOHD BASRI BIN ; WAHID MOHD BASRI BIN DR ; KAMARUDDIN NORMAN DR

Inventor(s): DR NORMAN KAMARUDDIN ; DR MOHD BASRI BIN WAHID ; NORMAN KAMARUDDIN ; RAMLE MOSLIM ; MOHD BASRI BIN WAHID

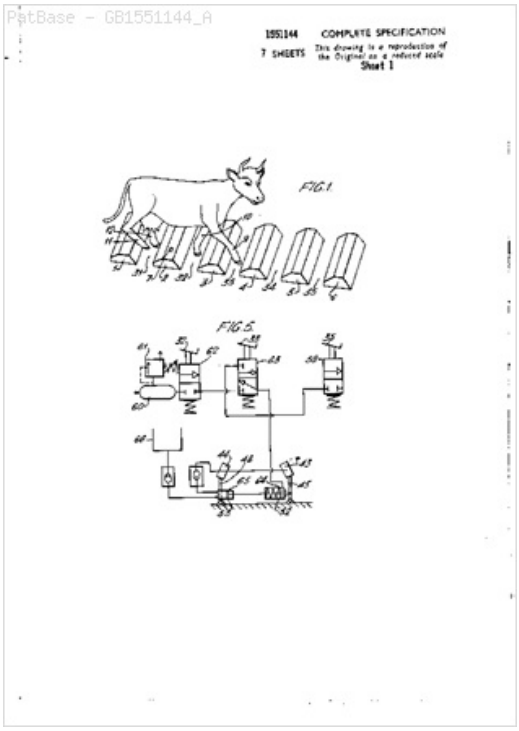
51) Family number: 1286103 (GB1551144A)

© PatBase

Title: SPAYING DEVICES AND POSITIONING MEANS FOR USE THEREWITH

Abstract: (Claim 1) 1. A spraying unit for spraying a selected portion of an animal as it passes the unit, said unit comprising a spraying device, means operated by the feet of the animal to activate the spraying device, and positioning means comprising a series of spaced-apart obstacles and foot-places between said obstacles, the arrangement being such that the animal steps over the obstacles and puts its feet into the foot-places, the spacing of the obstacles in relation to the spraying device and the activating means being such that the selected portion of the animal is positioned to receive the spray when the feet of the animal operate the activating means located in one or more of the foot-places.

Classifications:
International (IPC 8-9): A01K13/00 (Advanced/Invention);
A01K13/00 (Core/Invention)
International (IPC 1-7): A01K13/00 A01K29/00 A61D11/00
A61D7/00
CPC: A01K13/001 A01K13/003
European: A01K13/00B A01K13/00D



Family:

Publication number	Publication date	Application number	Application date
AU197616184 A1	19780126	AU19760016184	19760723
DE2633241 A1	19770203	DE19762633241	19760723
DK332776 A	19770126	DK19760003327	19760723
FR2318616 A1	19770218	FR19760022518	19760723
FR2318616 B3	19790413	FR19760022518	19760723
GB1551144 A	19790822	GB19760030670	19760722
IE42123 B	19800604	IE19750001679	19750725
IE42123 L	19770125	IE19750001679	19750725
NL7608240 A	19770127	NL19760008240	19760723
NZ181530 A	19790111	NZ19760181530	19760721

Priority:

IE19750001679 19750725 IE19760000171 19760129

Probable Assignee: PATRICK KEENAN

Assignee(s): (std): IRLAND ; JOHN KEENAN ; KEENAN J ; KEENAN JOHN ; KEENAN P ; KEENAN PATRICK ; KEENAN R ; KEENAN RICHARD ; PATRICK KEENAN

Assignee(s): RICHARD KEENAN ; RICHARD KEENAN TE BAGENALSTOWN PATRICK KEENAN TE CARLOW EN JOHN KEENAN TE BAGENALSTOWN IERSE VRIJSTAAT ; KEENAN R KEENAN P AND KEENAN J

Inventor(s): (std): KEENAN RICHARD ; KEENAN R

Inventor(s): RICHARD KEENAN

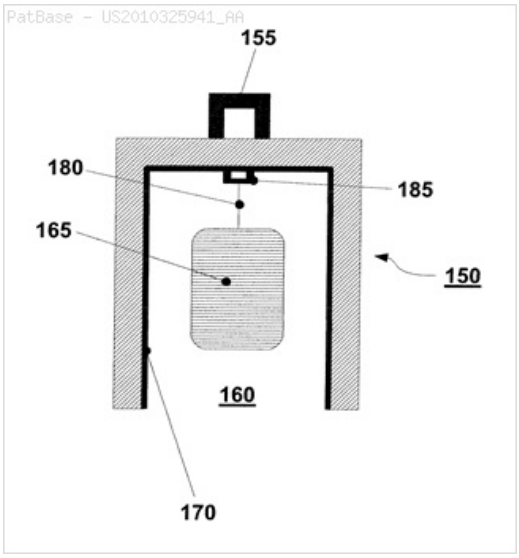
52) Family number: 43557107 (US2010325941A)

© PatBase

Title: APPARATUS FOR PEST CONTROL

Abstract: The present invention relates to an apparatus for pest control; and to the use of said apparatus for pest control. The apparatus comprises a hollow station forming at least one entrance for the pests to be controlled; a pheromone of a pest to be controlled; and a contact pesticide for the pests to be controlled, said contact pesticide being provided inside said hollow station, and the hollow station being designed to prevent the pests from remaining within said hollow station without expenditure of energy.

Classifications:
International (IPC 8-9): A01M A01M1/00 A01M1/02 A01M1/20 A01M13/00 A01N43/00 A01P19/00 A01P7/04 (Advanced/Invention);
A01M1/20 A01N43/00 A01P19/00 A01P7/04 (Advanced/Non-invention);
A01M1/00 A01M1/20 A01M13/00 A01N43/40 A61K31/44 C07D405/00 (Core/Invention);
A01M1/20 (Core/Non-invention);
A01M (Subclass/Invention)
International (IPC 1-7): A01M1/20 A01N43/40 A61K31/44 C07D405/00
CPC: A01M1/02 A01M1/2016
European: A01M1/20B2
US: 43/131 43/131P



Family:

Publication number	Publication date	Application number	Application date
AR070251 AA	20100325	AR2009P100223	20090123
AT522134 E	20110915	AT20090704424T	20090123
AU2009207622 AA	20090730	AU20090207622	20090123
AU2009207622 BB	20130718	AU20090207622	20090123
BRPI0905763 A2	20150714	BR2009PI05763	20090123
CN102006772 A	20110406	CN200980102919	20090123
CN102006772 B	20120905	CN200980102919	20090123
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DE602009002414 D1	20111103	DE200960002414T	20090123
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EP2244565 B1	20110831	EP20090704424	20090123
ES2371322 T3	20111229	ES20090704424T	20090123
IL206489 A0	20101230	IL20100206489	20100620
IL206489 A1	20130430	IL20090206489	20090123
IN02308KN2010 A	20101022	IN2010KN02308	20100624
JP2011509678 T2	20110331	JP20100543503T	20090123
JP5430582 B2	20140305	JP20100543503T	20090123
KR20100120159 A	20101112	KR20107018396	20090123
MA32022 B1	20110103	MA20100033023	20100716
MY150431 A	20140130	MY20100003056	20090123
NZ586398 A	20111222	NZ20090586398	20090123
PE00162010 A1	20100220	PE20090000098	20090123
PL2244565 T3	20120131	PL20090704424T	20090123
TH112288 A	20120220	TH20091000286	20090123
TN2010000329 A1	20111229	TN20100000329	20100716
TW200944123 A	20091101	TW20090102654	20090122
TWI363599 B	20120511	TW20090102654	20090122
US2010325941 AA	20101230	US20090863886	20090123
US2014366429 AA	20141218	US20140287554	20140527
US10172342 BB	20190108	US20140287554	20140527
UY31613 A1	20090803	UY20090031613	20090126
WO09092783 A1	20090730	WO2009EP50765	20090123
ZA201005984 A	20111026	ZA20100005984	20100823

Priority:

US200800235553P 20080125 EP20090704424 20090123 WO2009EP50765 20090123
US20090863886 20090123 US20100863886 20100721 US20140287554 20140527

Probable Assignee: BASF SE

Assignee(s): (std): BASF AG ; BASF SE ; BOLIN DAVID G

Inventor(s): (std): BOLIN DAVID G

Inventor(s): DAVID G BOLIN ; BOLIN, David G.

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; REITSTOETTER KINZEBACH; REINHOLD COHN AND PARTNERS; SEKIYA MITSUO; HIRAKI YUSUKE; BRINKS HOFER GILSON AND LIONE; BRINKS GILSON AND LIONE; REITSTOETTER KINZEBACH AND PARTNER

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 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 ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

53) Family number: 31809107 (EP0642985A2)

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Title: Containerisation system for hazardous compositions.

Abstract: A containerisation system which comprises at least one inner water soluble or water dispersible bag (110) containing a hazardous agrochemical composition in solid form, the containerisation system further comprising an outer water soluble or water dispersible bag (120) containing another hazardous agrochemical composition in solid form different from the first, the outer bag also containing the inner bag with its content.

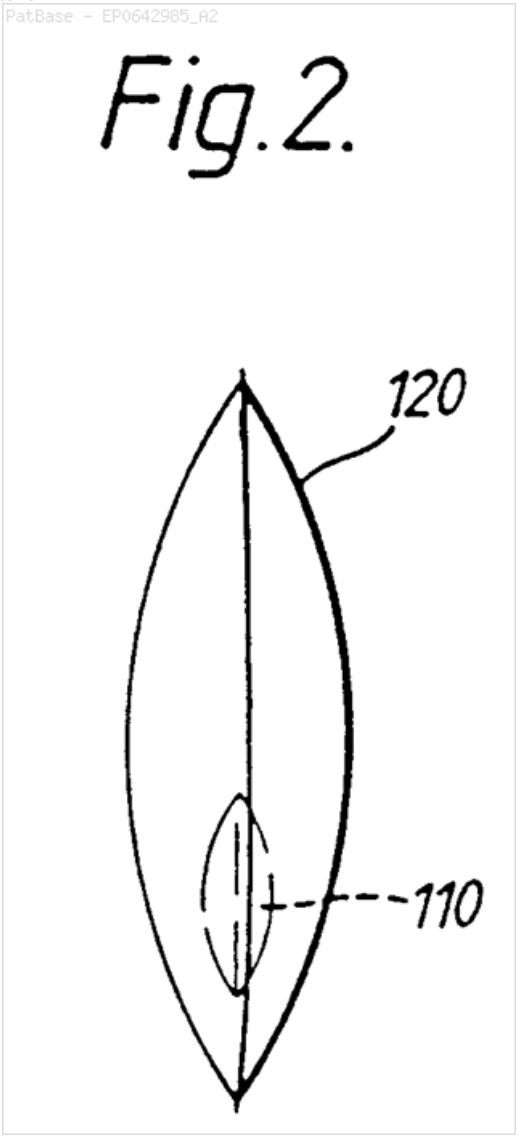
Classifications:

International (IPC 8-9): A01C15/00 A01G7/06 A01M1/20 A01N25/04 A01N25/34 A01N37/40 A01N39/04 A01N43/70 A01N53/00 B65D65/46 B65D77/00 B65D77/04 B65D81/32 B65D85/84 C05G3/00 (Advanced/Invention)

International (IPC 1-7): B65D65/46 B65D81/32

CPC: A01C15/003 A01N25/04 A01N25/34 A01N37/40 A01N39/04 A01N43/70 A01N53/00 B65D65/46 B65D81/3272 C05G3/0047 C05G3/0052

European: A01C15/00D A01N25/04 A01N25/34 A01N37/40 A01N39/04 A01N43/70 A01N53/00 B65D65/46 B65D81/32H2 C05G3/00B4 C05G3/00B6



Family:

Publication number	Publication date	Application number	Application date
AT126496 E	19950915	AT19920908148T	19920402
AT174568 E	19990115	AT19920115484T	19920402
AT175166 E	19990115	AT19920115486T	19920402
AT175167 E	19990115	AT19920115487T	19920402
DE69227923 D1	19990128	DE19926027923	19920402
DE69228071 D1	19990211	DE19926028071	19920402
DE69228072 D1	19990211	DE19926028072	19920402
DE69228072 T2	19990715	DE19926028072T	19920402
DK0577702 T3	19950925	DK19920908148T	19920402
DK0642987 T3	19990830	DK19920115487T	19920402
EP0642985 A2	19950315	EP19940115484	19920402
EP0642985 A3	19950614	EP19940115484	19920402
EP0642985 B1	19981216	EP19940115484	19920402
EP0642986 A2	19950315	EP19940115486	19920402
EP0642986 A3	19950614	EP19940115486	19920402
EP0642986 B1	19981230	EP19940115486	19920402
EP0642987 A2	19950315	EP19940115487	19920402
EP0642987 A3	19950614	EP19940115487	19920402
EP0642987 B1	19981230	EP19940115487	19920402
ES2076757 T3	19951101	ES19920908148T	19920402
ES2128482 T3	19990516	ES19940115487T	19920402

Priority:

US19910679290 19910402 US19910680301 19910404 US19910803084 19911204
US19910803084 19911204 EP19920908148 19920402

Probable Assignee: RHONE POULENC AGROCHIMIE

Assignee(s): (std): RHONE POULENC AGROCHIMIE

Assignee(s): RHONE POULENC AGROCHIMIE LYON FR

Inventor(s): (std): SHUE JAMES ; GOUGE SAMUEL T

Inventor(s): SHUE JAMES RALEIGH NC 27612 US

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

54) Family number: 33298107 (US2006269995A)

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Title: NOVEL ASSAYS UTILIZING NICOTINIC ACETYLCHOLINE RECEPTOR SUBUNITS

Abstract: The present invention is in the field of identification and characterization of novel insecticidal target sites and, in particular, relates to host cells, assays and antibodies thereto.

Classifications:

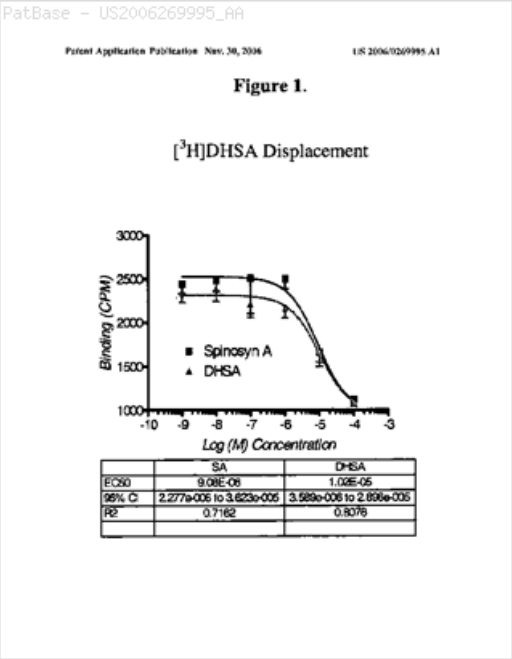
International (IPC 8-9): A01K67/033 C07H21/04 C07K14/43 C07K14/435 C07K14/705 C07K16/18 C12N15/09 C12N5/06 C12N5/10 C12P21/06 C12Q1/02 G01N33/15 G01N33/50 G01N33/566 G01N33/94 (Advanced/Invention);
C12P21/08 (Advanced/Non-invention);
A01K67/00 C07H21/00 C07K14/435 C07K16/18 C12N15/09 C12N5/06 C12N5/10 C12P21/06 C12Q1/02 G01N33/15 G01N33/50 G01N33/566 G01N33/94 (Core/Invention);
C12P21/08 (Core/Non-invention)

International (IPC 1-7): A61K31/4709

CPC: C07K14/70571 G01N2333/70571

European: C07K14/705K S01N333/705K

US: 435/320.1 435/320.100 435/348 435/69.1 435/69.100 530/350 536/23.5 536/23.500



Family:

Publication number	Publication date	Application number	Application date
CN101180543 A	20080514	CN200680005904	20060223
CN101180543 B	20140618	CN200680005904	20060223
EP1851553 A2	20071107	EP20060735795	20060223
IN06710DN2007 A	20070928	IN2007DN06710	20070830
IN264359 B	20141226	IN2007DN06710	20070830
JP2008531014 T2	20080814	JP20070557127T	20060223
JP5744372 B2	20150708	JP20070557127T	20060223
US2006269995 AA	20061130	US20060360357	20060223
WO06091672 A2	20060831	WO2006US06284	20060223
WO06091672 A3	20070531	WO2006US06284	20060223

Priority:

US20050655974 20050223 US20050655974P 20050223 US20060360357 20060223 WO2006US06284 20060223

Probable Assignee: DOW AGROSCIENCES LLC

Assignee(s): (std): CHOUINARD SCOTT ; COOK KEVIN R ; DOW AGROSCIENCES LLC ; GENG CHAOXIAN ; GUSTAFSON GARY D ; HASLER JAMES M ; ORR NAILAH ; WATSON GERALD B ; SALGADO VINCENT L

Inventor(s): (std): CHAOXIAN GENG ; CHOUINARD SCOTT ; COOK KEVIN R ; GENG CHAOXIAN ; GUSTAFSON GARY D ; GUSTAFSON GARY DAVID ; HASLER JAMES M ; HASLER JAMES MICHAEL ; SALGADO VINCENT L ; SCOTT CHOUINARD ; NAILAH ORR ; ORR NAILAH ; WATSON GERALD B ; WATSON GERALD BRYAN

Inventor(s): SALGADO VINCENT ; VINCENT L SALGADO ; WATSON GERALD ; JAMES MICHAEL HASLER ; KEVIN R COOK ; HASLER JAMES ; GERALD BRYAN WATSON ; GUSTAFSON GARY ; GARY DAVID GUSTAFSON ; COOK KEVIN

Agent(s): DOW AGROSCIENCES LLC

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

55) Family number: 53010107 (CA2750809A)

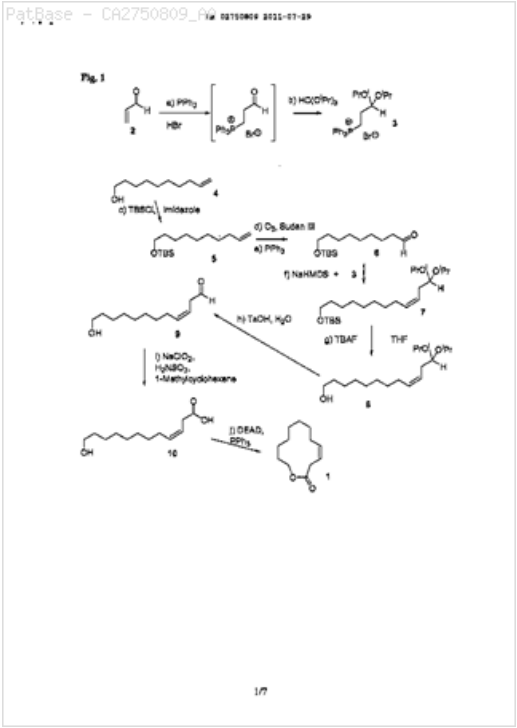
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Title: "COMPOSITION AND METHOD FOR ATTRACTION OF EMERALD ASH BORER AGRILUS PLANIPENNIS FAIRMAIRE (COLEOPTERA: BUPRESTIDAE)

Abstract: The invention disclosed relates to a composition for attracting Emerald ash borer (EAB) comprising (3Z)-dodecen-12-olide and ash foliar volatiles, e.g., (3Z)--hexenol, associated with a trap of a color in the green range of the visible light spectrum. A method is also disclosed for the attraction Emerald ash borer (EAB), comprising applying to an insect habitat an insect attracting amount of the composition, in association with a trap of a color in the green range of the visible light spectrum.

Classifications:

International (IPC 8-9): A01N31/02 A01N43/22 A01P19/00 (Advanced/Invention)
CPC: A01N43/22



Family:

Publication number	Publication date	Application number	Application date
CA2750809 AA	20130129	CA20112750809	20110729

Priority:

CA20112750809 20110729

Probable Assignee: CA MINISTER NATURAL RESOURCES

Assignee(s): (std)**:** CA MINISTER NATURAL RESOURCES ; CANADA NATURAL RESOURCES ; MAGEE DAVID

Assignee(s): MAYO PETER ; RYALL KRISTA ; SILK PETER J ; HER MAJESTY QUEEN IN RIGHT OF CANADA REPRESENTED BY MINISTER OF NATURAL RESOURCES CANADA AS ; HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA

Inventor(s): (std)**:** MAGEE DAVID ; MAYO PETER ; RYALL KRISTA ; SILK PETER J

Agent(s): ANDERSON J WAYNE; LEMAY CATHERINE

56) Family number: 42961107 (ES1069217U)

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Title: TRAMPA PARA RECOGIDA DE MOSQUITOS COLLECTION OF MOSQUITO TRAP (Machine translation)

Abstract: Source: ES1069217U [ES] 1. Trampa para recogida de mosquitos, consistente en un dispositivo para capturar mosquitos con un fin cientifico sanitario, de los que se instalan en granjas para cria/engorde de animales de todo tipo, siendo de los que atraen a los mosquitos a base de radiacion ultravioleta, caracterizada porque consta de un sombrerete o cupula protectora (1) con pilotos senalizadores (1.3), un alojamiento (1.1) para bateria recargable de alimentacion, a traves de un conector (1.2) que, preferentemente y/o indistintamente, puede ser de 6 o de 12 voltios, transmitiendo o cortando suministro de energia por actuacion sobre un interruptor (1.5), teniendo ademas, un modulo de control (2) que se resetea con pulsador (1.4), una placa de diodos (3) con unos seis u ocho diodos "led" (3.1) de ultima generacion insertados casi en su totalidad en la placa (3), fabricada en metacrilato, un modulo de absorcion (4), fabricado tambien en metacrilato, con un ventilador (4.1), protegido por una rejilla (4.2), un modulo de ventilacion (5) con dos, tres o mas aberturas de filtro (5.1) protegidas con tela mosquitera, y dos clapetas (5.2) dotadas de resortes de recuperacion, acoplandose, en la parte mas baja del conjunto, un recipiente normalizado (6). 2. Trampa para recogida de mosquitos, segun reivindicacion primera, caracterizada porque puede complementarse con una manga de acoplamiento (7) susceptible de ser ajustada sobre la boca de un frasco cualquiera (8). 3. Trampa para recogida de mosquitos, segun reivindicaciones anteriores, caracterizada porque el ventilador (4.1) esta permanentemente en marcha y en caso de averia se produce el cierre de las clapetas (5.2) con oportunas senalizaciones de normalidad, averia o insuficiente carga de bateria a traves de pilotos senalizadores (1.3). 4. Trampa para recogida de mosquitos, segun reivindicaciones anteriores, caracterizada porque la placa de diodos (3) emite la luz ultravioleta lateralmente y hacia abajo al estar pintada de negro por su parte superior.

Machine translation: 1. Mosquito trap collection, consisting of a device to capture mosquitoes with a scientific view of health, of which they are installed on farms for breeding / fattening animals of all sorts, being that attract mosquitoes based on ultraviolet radiation, characterized in that it comprises a protective cap or dome (1) with indicator lights (1.3), accommodation (1.1) for rechargeable food, through a connector (1.2) that preferably and / or either, may be 6 or 12 volts, transmitting or cutting off power supply by acting on a switch (1.5), besides having a control module (2) that is reset with pushbutton (1.4), a diode plate (3) with six or eight diodes "LED" (3.1) the last generation almost entirely embedded in the plate (3), made of methacrylate, an absorption module (4), also made from Perspex, with a fan (4.1), protected by a grid (4.2), a ventilation module (5) with two, three or more filter openings (5.1) protected with mosquito net, and two flaps (5.2) equipped with spring recovery, mating, in the lower part of the set, a standard container (6). 2. Trap to collect mosquitoes, according to claim one, characterized in that can be complemented with a coupling sleeve (7) capable of being fitted over the mouth of a bottle either (8). 3. Trap to collect mosquitoes, according to previous claims, wherein the fan (4.1) is permanently in place and in case of failure occurs closing the flaps (5.2) with appropriate signs of normalcy, breakdown or insufficient battery charge through of indicator lights (1.3). 4. Collecting trap gnats, according to previous claims, characterized in that the diode plate (3) emits ultraviolet light laterally and downwardly to be painted black on its upper part.

Classifications:
International (IPC 8-9): A01M1/08 (Advanced/Invention); A01M1/08 (Core/Invention)

Family:

Publication number	Publication date	Application number	Application date
ES1069217 UA	20090216	ES20080002432U	20081119
ES1069217 Y1	20090527	ES20080002432U	20081119

Priority:

ES20080002432U 20081119

Probable Assignee: FERNANDEZ MENDOZA JOSE LUIS

Assignee(s): (std)**:** FERNANDEZ MENDOZA JOSE LUIS

Inventor(s): (std)**:** FERNANDEZ MENDOZA JOSE LUIS

57) Family number: 51498115 (IN01965CH2011A)

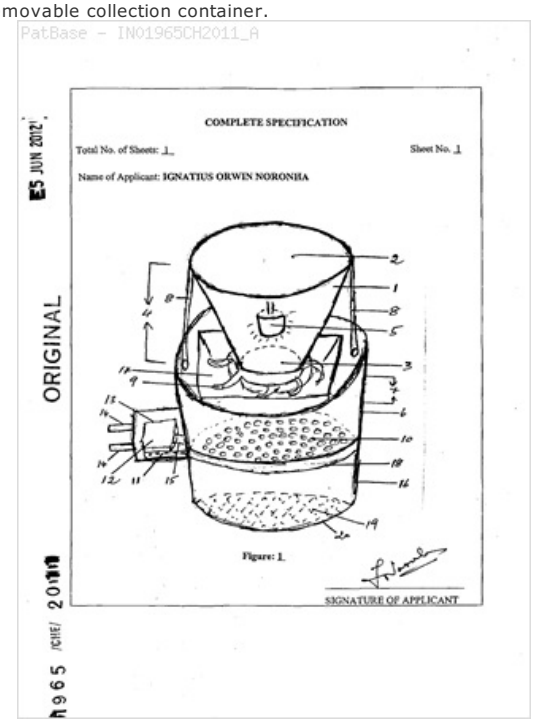
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Title: CORDLESS PLUGGABLE INSECT TRAP

Abstract: The cordless, pluggable, economical, eco-friendly, compact, safe, light weight, maintenance free Insect Trap when switched on after plugging to the power socket of power supply within the house in bed rooms or living rooms or dining room or toilets or outdoor under protective shade will attract the mosquitoes, black flies, moths and midges etc. found within the area of its use towards the inlet opening of the cordless pluggable insect trap by its special mosquito attracting features like glowing effect of the light, heat and temperature absorbed by the heat absorbing perforated sheet emitted by the electrical circuit free of cost without additional power consumption. The killing mechanism by the heat absorbing perforated sheet which absorb heat free of cost from the electrical circuit kill the mosquitoes when they pass through the holes of the heated perforated sheet so that the dead mosquitoes are collected in the removable collection container.

Classifications:

International (IPC 8-9): A01M1/00 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
IN01965CH2011 A	20120713	IN2011CH01965	20110610

Probable Assignee: IGNATIUS ORWIN NORONHA

Assignee(s): IGNATIUS ORWIN NORONHA

Inventor(s): IGNATIUS ORWIN NORONHA

58) Family number: 31370116 (US2004237379A)

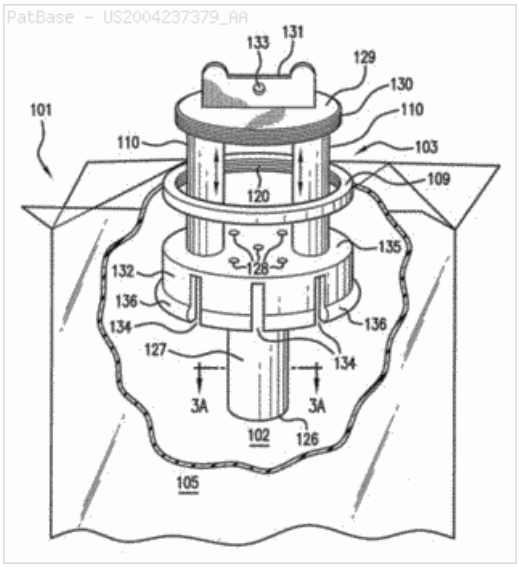
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Title: INSECT TRAPS

Abstract: An insect trap having an airtight sealing mechanism that can be opened and resealed to turn the trap "on" or "off."

Classifications:

International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention);
A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/10 A01M1/20
CPC: A01M1/02 A01M1/106 A01M2200/012
European: A01M1/02 A01M1/02B A01M1/10 A01M1/10F
K01M200/012 K01M201/02
US: 43/107



Family:

Publication number	Publication date	Application number	Application date
US2004237379 AA	20041202	US20040831904	20040426
WO04105479 A2	20041209	WO2004US16570	20040524
WO04105479 A3	20060622	WO2004US16570	20040524

Priority:

US20030473411P 20030528 US20040547164P 20040225 US20040831904 20040426

Probable Assignee: LONG ROGER H

Assignee(s): (std)**:** LONG ROGER ; LONG ROGER H

Inventor(s): (std)**:** LONG ROGER ; LONG ROGER H

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG 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 NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

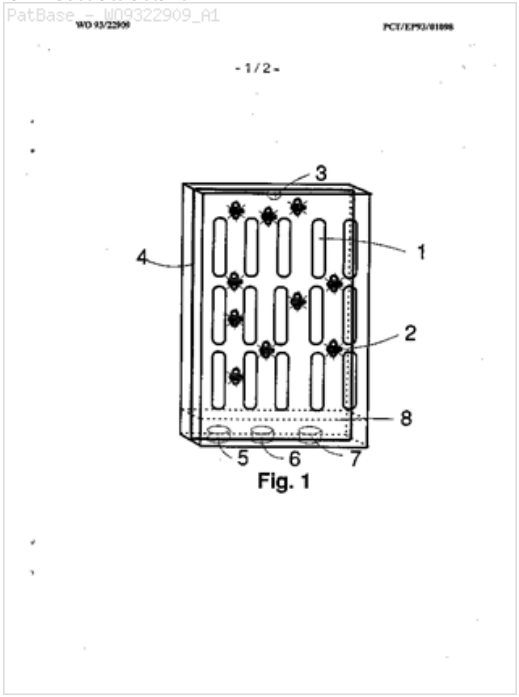
59) Family number: 8409118 (WO9322909A1)

© PatBase

Title: INSECT TRAP

Abstract: An improved insect trap for attracting and destroying flying or crawling insects, especially flies, but also cockroaches, is described. The insect trap has the features that: a) it comprises a flat, essentially two-dimensional container having one or more entry (1) openings for the insects; b) the container is made of a transparent material which is inert toward moisture, the insecticide formulation and environmental influences; c) the material is colourless or has a colouration attractive to flying insects; d) the container is considerably higher and broader than it is deep; e) the container has a topping-up opening for liquids; f) a water-soluble, -emulsifiable or -dispersible insecticide formulation is present as the insecticide (5); and g) the insecticide formulation additionally contains an insect attractant.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/20 (Advanced/Invention); A01M1/02 A01M1/20 (Core/Invention)
International (IPC 1-7): A01M1/02 A01M1/20
CPC: A01M1/02 A01M1/2044 A01M2200/011 A01M2200/012
European: A01M1/02 A01M1/20A A01M1/20C2L K01M200/011 K01M200/012 K01M201/01 K01M201/02



Family:

Publication number	Publication date	Application number	Application date
AU199340648 A1	19931213	AU19930040648	19930505
WO9322909 A1	19931125	WO1993EP01098	19930505

Priority:

EP19920810375 19920520 WO1993EP01098 19930505

Probable Assignee: CIBA GEIGY AG

Assignee(s): (std)**:** CIBA GEIGY AG ; SOMERVILLE JAMES MILLER

Inventor(s): (std)**:** SOMERVILLE JAMES MILLER

Inventor(s): JAMES MILLER SOMERVILLE

Designated states: AT AU BB BE BF BG BJ BR CA CF CG CH CI CM CZ DE DK ES FI FR GA GB GN GR HU IE IT JP KP KR LK LU MC MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SK SN TD TG UA US VN

60) Family number: 64708118 (US2018192651A)

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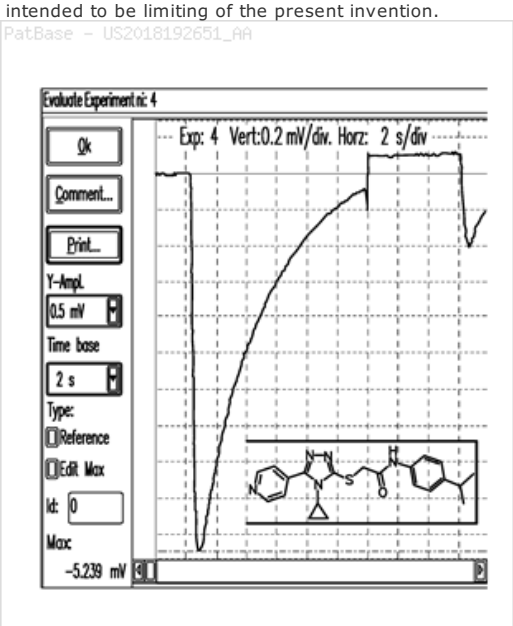
Title: THERMAL VOLATILIZATION OF ORCO AGONISTS

Abstract: In one aspect, the invention relates to chemical modulators of insect olfactory receptors. In particular, compounds and compositions are provided that can inhibit sensory (e.g., host targeting) functions in airborne insects such as mosquitos. Method of employing such agents, and articles incorporating the same, are also provided. This abstract is intended as a scanning tool for purposes of searching in the particular art and is not intended to be limiting of the present invention.

Classifications:

International (IPC 8-9): A01N A01N43/56 A01N43/653 A01N43/84 (Advanced/Invention);
A01N (Subclass/Invention)

CPC: A01M29/12 A01N43/653 A01M2200/012 A01N43/84



Family:

Publication number	Publication date	Application number	Application date
CN107920523 A	20180417	CN201680050664	20160712
IL256780 A0	20180329	IL20160256780	20160712
US2018192651 AA	20180712	US20160741999	20160712
WO17011466 A1	20170119	WO2016US41918	20160712

Priority:

US20150191960P 20150713 US20160741999 20160712 WO2016US41918 20160712

Probable Assignee: THE UNIV OF CALIFORNIA

Assignee(s): (std)**:** PASK GREGORY M ; THE UNIV OF CALIFORNIA ; UNIV CALIFORNIA ; UNIV VANDERBILT ; ZWIEBEL LAURENCE J ; VANDERBILT UNIV ; ZWIEBEL LAWRENCE J

Inventor(s): (std)**:** ZWIEBEL LAURENCE J ; PASK GREGORY M ; PASK GREGORY

Agent(s): SHORTELL BRIAN D 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

61) Family number: 49804118 (IN01068CH2010A)

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Title: A COST EFFECTIVE, ECO-FRIENDLY PARA-PHEROMONE TRAP FOR EFFECTIVE MONITORING OF FRUIT FLIES BELONGING TO BACTROCERA SPP

Abstract: A cost effective, eco-friendly para-pheromone trap for effective monitoring of fruit flies belonging to bactrocera spp. This invention relates to a cost effective, eco-friendly para-pheromone trap for effective monitoring of fruit flies belonging to bactrocera spp, the trap consisting of lesser volume of plywood piece, which is impregnated with a para-pheromone lure, wherein the trap is placed in a bucket shaped plastic container about 6 inches height, having two holes on the sides about half way from the bottom, wherein the holes serve a) the purpose of hanging the trap b) diffusion of para pheromone to exterior c) for the entry of fruit flies in to the trap.

Classifications:

International (IPC 8-9): A01M1/10 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
IN01068CH2010 A	20111021	IN2010CH01068	20100416
IN304936 B	20181228	IN2010CH01068	20100416

Priority:

IN2010CH01068 20100416

Probable Assignee: INDIAN INST OF HORTICULTURAL RESEARCH

Assignee(s): INDIAN INST OF HORTICULTURAL RESEARCH

Inventor(s): T N SHIVANANDA ; ABRAHAM VERGHESE ; P D KAMALA JAYANTHI

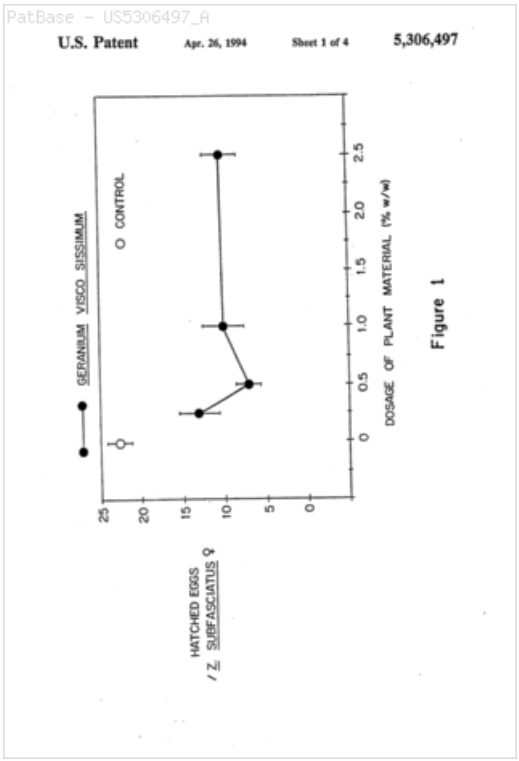
62) Family number: 12913119 (US5306497A)

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Title: INSECTICIDAL OR INSECT BEHAVIORALLY ACTIVE PREPARATIONS FROM AROMATIC PLANTS

Abstract: Preparations from aromatic plants that are insecticidal or are insect behaviorally active, are used to control the development of insect populations. The plants are harvested after leaf maturation. Leaves are removed in a random pattern both as to individual plants and to location of leaves on each plant. The collection includes petioles but not stems. Leaves are milled with or without drying to a small average particle size. Extracts and vapors may also be used. The resultant preparation, when contacted with dry commodities infested with storage insects or with insect infested perishable produce after harvest will reduce the insect population.

Classifications:
International (IPC 8-9): A61K36/282 (Advanced/Invention); A01N65/12 A01N65/22 A61K36/185 (Core/Invention); A01N65/08 (Core/Non-invention)
International (IPC 1-7): A01N65/00
CPC: Y10S424/10 Y10S514/919 A01N65/12 A01N65/22 A01N65/00
European: A01N65/00
US: 424/195.1 424/740 424/DIG.1 424/DIG.10 514/724 514/725 514/731 514/736 514/764 514/919



Family:

Publication number	Publication date	Application number	Application date
US5306497 A	19940426	US19910801817	19911206
US5591435 A	19970107	US19940231934	19940425

Priority:

US19910801817 19911206 US19940231934 19940425

Probable Assignee: MONTANA STATE UNIV

Assignee(s): (std): RES AND DEV I INC AT MONTANA S ; UNIV MONTANA RES DEV INST

Assignee(s): WEAVER THEODORE W ; RESEARCH AND DEVELOPMENT INSTITUTE INC AT MONTANA ; THE RESEARCH AND DEVELOPMENT INSTITUTE INC ; RESEARCH AND DEVELOPMENT INSTITUTE INC AT MONTANA STATE UNIVERSITY ; RESEARCH AND DEVELOPMENT INST INC AT MONTANA STATE UNIV ; RESEARCH AND DEVELOPMENT INST ; RESEARCH AND DEVELOPMENT INST INC ; DUNKEL FLORENCE V ; MONTANA STATE UNIV

Inventor(s): (std): DUNKEL FLORENCE V ; DUNKEL FLORENCE VACCARELLO ; VACCARELLO DUNKEL FLORENCE ; WEAVER DAVID K ; WEAVER III THEODORE W

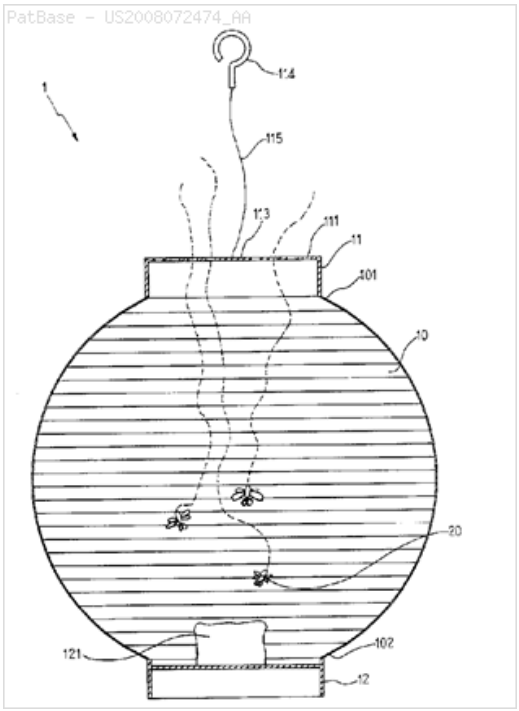
63) Family number: 41630123 (US2008072474A)

© PatBase

Title: INSECT-TRAPPING DEVICE

Abstract: An insect-trapping device is composed of a container and two caps respectively mounted on two ends of the container. One cap has multiple ventilation holes defined thereon and the other cap combines with an inducer that particularly emits special scent (pheromone) to attract insects. The container is preferably made of resilient material and foldable so as to keep the volume of the insect-trapping device adjustable. Particularly, the insect-trapping device mimics a lantern to have a decorative and pleasant appearance when the device is suspended or located.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
CPC: A01M1/02 A01M1/106 A01M2200/012
European: A01M1/02 A01M1/10F K01M200/012
US: 43/107 43/122



Family:

Publication number	Publication date	Application number	Application date
US2008072474 AA	20080327	US20060534852	20060925

Priority:
US20060534852 20060925

Probable Assignee: TSING HUA ENVIRONMENTAL PROTECTION CO LTD
Assignee(s): (std): CHEN CHIEN HSUN
Assignee(s): TSING HUA ENVIRONMENTAL PROTECTION CO LTD
Inventor(s): (std): CHEN CHIEN HSUN
Agent(s): KAMRATH AND ASSOCIATES PA

64) Family number: 66712124 (EP3207799A1)

Title: IMPROVED CONTROL OF INSECTS LAYING THEIR EGGS IN STAGNANT WATERS CONTROLE AMELIORE DES INSECTES DEPOSANT LEURS OEUFS DANS DES EAUX STAGNANTES

Abstract: Disclosed is the use of a viscosity booster for the control or local eradication of insects which lay their eggs in water, in particular for the control of populations of insects which lay their eggs in stagnant waters. The present invention is targeted at reducing the spread of insect-borne diseases, in particular mosquito-borne diseases, which may be transmitted by insects infected by pathogens such as viruses, parasites or bacteria. Notorious examples of such diseases and pathogens are yellow fever, dengue fever, filariasis, malaria, the west-Nile virus and the Zika virus.
Classifications:
International (IPC 8-9): A01N25/00 (Advanced/Invention)
CPC: A01N25/00

Family:

Publication number	Publication date	Application number	Application date
EP3207799 A1	20170823	EP20160155846	20160216

Priority:
EP20160155846 20160216

Probable Assignee: CEULEMANS OLIVIER
Assignee(s): (std): CEULEMANS OLIVIER ; CEULEMANS PHILIPPE
Inventor(s): (std): CEULEMANS OLIVIER ; CEULEMANS PHILIPPE
Agent(s): GEVERS PATENTS
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

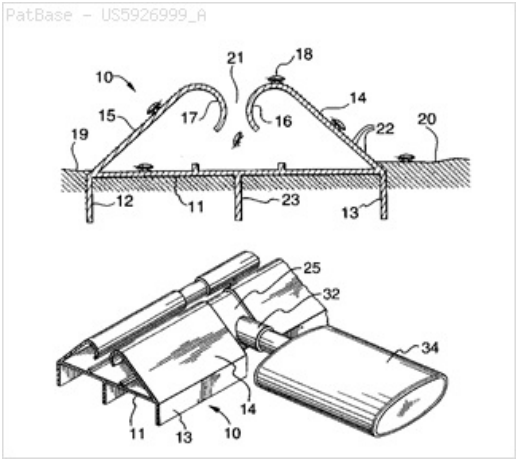
65) Family number: 11645126 (US5926999A)

Title: PORTABLE TRENCH BARRIER FOR INSECT PESTS IN AGRICULTURE

Abstract: A portable trench barrier is capable of greatly reducing the number of beetles migrating into a cultivated area, such as a field of potato plants. The device comprises a series of linear barrier sections and connector pieces joined together to enclose and protect a cultivated area. Each linear barrier section comprises an extruded plastic section having (a) an elongated floor section, (b) a pair of continuous leg portions extending downwardly from the side edges of the floor portion. The leg portions are adapted to penetrate the soil and form a continuous sub-surface barrier. A pair of opposed upwardly inclined elongated ramp portions extending upwardly and inwardly from the side edges of the floor portion, these ramp

portions terminating in downwardly curved free edge portions having smooth outer surfaces with the curved free edge portions of the opposed ramp portions forming therebetween a gap having a width of up to about 20 mm. The opposed ramp portions and gap are arranged such that beetles are able to climb the ramp and continue along the ramp until they reach a point on the curved free edge portion where they lose their footing and slide down into and are trapped in a chamber formed by the floor section and ramp portions.

Classifications:
International (IPC 8-9): A01G1/08 A01G13/10 A01G9/28 A01M1/10 (Advanced/Invention);
A01G1/08 A01M1/00 (Core/Invention)
International (IPC 1-7): A01G1/08 A01G13/10 A01M1/10
CPC: A01G9/28 A01M1/103 A01G13/105 A01M2200/011
European: A01G1/08 A01G13/10B A01M1/02A A01M1/10 A01M1/10C K01M200/011 K01M201/01
US: 43/121 47/33



Family:

Publication number	Publication date	Application number	Application date
CA2200007 AA	19970915	CA19972200007	19970314
CA2200007 C	20021008	CA19972200007	19970314
US5926999 A	19990727	US19980019556	19980206

Priority:

US19960616627 19960315 CA19972200007 19970314 US19980019556 19980206

Probable Assignee: CA MINISTER AGRICULTURE AND FOOD

Assignee(s): (std): CA MINISTER AGRICULTURE AND FOOD ; CANADA AGRICULTURE ; CANADA MAJESTY IN RIGHT OF ; CANADA NATURAL RESOURCES ; AGRIC AND AGRI FOOD CANADA

Assignee(s): AGRICULTURE AND AGRI FOOD CANADA ; HER MAJESTY QUEEN IN RIGHT OF CANADA REPRESENTED B ; HUNT DAVID W A ; HER MAJESTY IN RIGHT OF CANADA REPRESENTED BY MINI ; HER MAJESTY IN RIGHT OF CANADA AS REPRESENTED BY M ; HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRES ; HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTE R O ; HER MAJESTY IN RIGHT OF CANADA REPRESENTED BY MINISTER OF AGRICUL OF AGRICULTURE AND AGRI FOOD AS ; HER MAJESTY QUEEN IN RIGHT OF CANADA REPRESENTED BY MINISTE AS ; HER MAJESTY IN RIGHT OF CANADA REPRESENTED BY MINISTER OF AGRICULTURE AND AGRI FOOD CANADA AS ; HER MAJESTY QUEEN IN RIGHT OF CANADA REPRESENTED BY MINISTER O AS ; VERNON ROBERT S

Inventor(s): (std): HUNT DAVID WILLIAM ALBERT ; VERNON ROBERT STANLEY ; VERNON ROBERT S ; HUNT DAVID W A

Agent(s): KIRBY EADES GALE BAKER

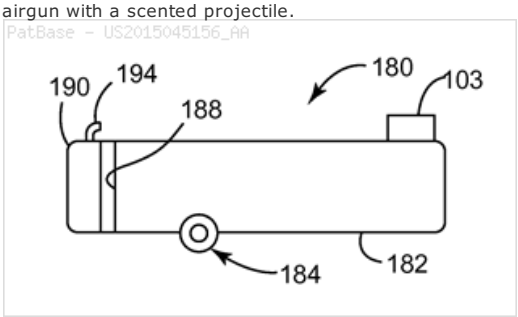
66) Family number: 58466130 (US2015045156A)

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Title: ANIMAL ATTRACTANT/REPELLENT DELIVERY DEVICE, AND SYSTEM AND METHOD FOR DELIVERY THEREOF

Abstract: Disclosed herein is a scent carrying projectile comprising a scented portion made of a scent-carrying substance and a unscented portion, adjacent to said scented portion, said unscented portion made of an unscented substance. The scent carrying projectile can include a front conically shaped portion, a middle cylindrically shaped portion, adjacent to the front conically shaped portion, and an end cylindrical portion, adjacent to the middle cylindrical portion, wherein said front and middle portions are made of a scent-carrying substance, and further wherein said end cylindrical portion is made of an unscented substance. Further disclosed herein is a collapsible scent distributing airgun, a method of manufacturing a scented projectile, and a method of operating an collapsible scent distributing airgun with a scented projectile.

Classifications:
International (IPC 8-9): A01M31/00 F42B6/00 (Advanced/Invention)
CPC: A01M31/008 F42B6/00 F41B11/62 F42B12/367 F42B12/40 F42B12/46
US: 473/577



Family:

Publication number	Publication date	Application number	Application date
US2015045156 AA	20150212	US20140451536	20140805

Priority:

US20130862653P 20130806 US20140451536 20140805

Probable Assignee: LAMMONDS TIM

Assignee(s): (std): LAMMONDS TIM

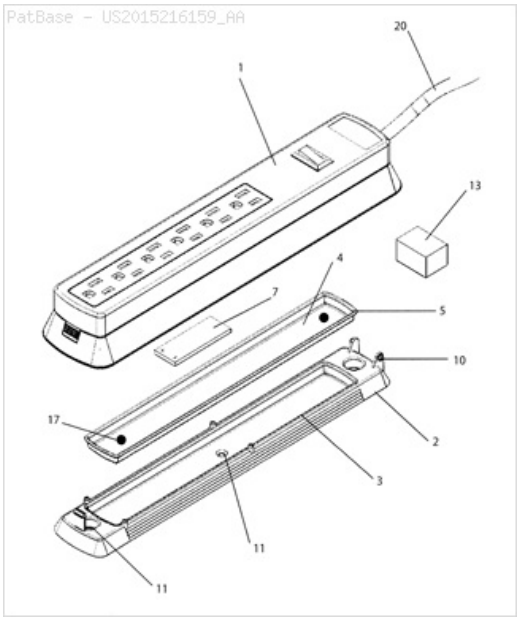
Inventor(s): (std): LAMMONDS TIM

67) Family number: 55716133 (US2015216159A)

Title: COMBINED POWER BAR AND BED BUG TRAP

Abstract: A bed bug trap (2) is combined with a conventional power bar (1). Bed bugs can enter the trap via a small gap (6) between the power bar portion and the bed bug trap, where they then fall off a small precipice (14) and onto a glue strip (4, 5) or the like. The assembly can be easily opened for inspection and replacement of glue cartridges (5). Attractants (7, 17, 13) can be provided, including heat via a small heating element (7), chemical attractants (17), and carbon dioxide via a carbon dioxide generator (13). The assembly can be adapted for use with other insects, or an additional trap (91, 92; 110) can be attached for other insects.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01M1/14 A01M99/00 H01R25/16 (Advanced/Invention);
H01R25/00 (Advanced/Non-invention)
CPC: H01R25/16 A01M99/00 A01M1/103 A01M1/023 A01M1/14 A01M1/026 H01R25/003 Y02A50/374
US: 1/1 43/114 43/121 43/123



Family:

Publication number	Publication date	Application number	Application date
CA2879809 AA	20150108	CA20132879809	20130801
GB201501367 A0	20150311	GB20150001367	20130801
GB2519881 A1	20150506	GB20150001367	20130801
US2015216159 AA	20150806	US20130414722	20130801
US9386763 BB	20160712	US20130414722	20130801
WO14019073 A1	20140206	WO2013CA00681	20130801

Priority:
US20120678142P 20120801 US20130414722 20130801 WO2013CA00681 20130801

Probable Assignee: BUG ELIMINATION AND PREVENTION CORP

Assignee(s): (std): BUG ELIMINATION AND PREVENTION CORP ; VASUDEVA KAILASH C

Inventor(s): (std): VASUDEVA KAILASH C

Inventor(s): KAILASH C VASUDEVA

Agent(s): ARMSTRONG R CRAIG

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 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

68) Family number: 52587133 (BRMU9001443U)

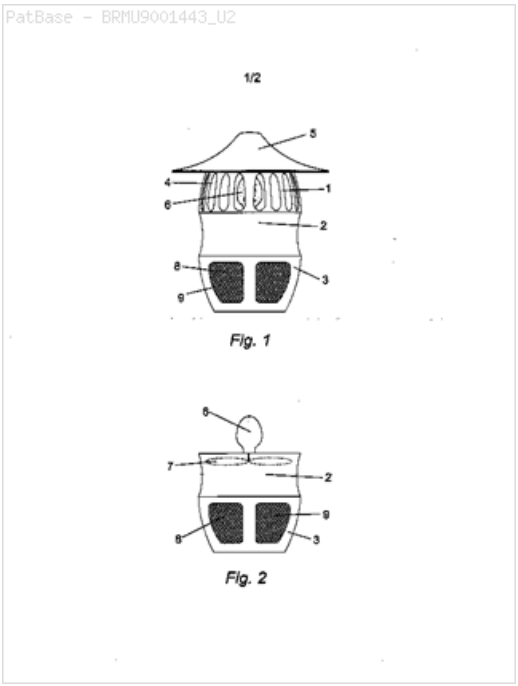
Title: disposicao construtiva aplicada em armadilha para insetos voadores Constructive disposition applied to trap flying insects (Machine translation)

Abstract: Source: BRMU9001443U [PT] DISPOSICAO CONSTRUTIVA APLICADA EM ARMADILHA PARA INSETOS VOADORES compreendida por tres corpos, um superior (1), um intermediario (2) e um inferior (3), todos de formato predominantemente cilindrico. O primeiro (1), na parte superior e semi-ovalado e provido de aberturas (4) sendo o topo composto de uma tampa (5) rosqueada e internamente e provido de uma lampada (6) de LED que atrai os insetos voadores. O segundo corpo (2), intermediario, e composto internamente de um ventilador (7) de pas, que "puxa" os insetos voadores que adentraram a camara superior, O terceiro e ultimo corpo (3) e posicionado na base, tem formato ovalado e e provido de uma pluralidade de aberturas (8) fechadas por telas (9) e serve como reservatorio (10) dos insetos capturados.

Machine translation: Constructive disposition APPLIED IN TRAP FOR FLYING INSECTS comprised of three bodies, one above (1), an intermediate (2) and lower (3), all predominantly cylindrical format. The first (1st) at the top and semi-oval and provided with openings (4) being composed of a top cap (5) and internally threaded and provided with a lamp (6) LED that attracts flying insects. The second body (2), intermediate, and consists internally of a fan (7) of the country, which "pulls" the flying insects that entered the upper chamber, the third and final body (3) and positioned at the base, has oval ee provided with a plurality of openings (8) closed by screens (9) and serves as a reservoir (10) of the caught insects.

Classifications:
International (IPC 8-9): A01M1/08 (Advanced/Invention)

PatBase - BRMU9001443_U2



Family:

Publication number	Publication date	Application number	Application date
BRMU9001443 U2	20121211	BR2010MU01443U	20100802

Priority:

BR2010MU01443U 20100802

Probable Assignee:	XINKE DANIEL SU
Assignee(s): (std)**:**	XINKE DANIEL SU
Assignee(s):	DANIEL SU XINKE
Inventor(s): (std)**:**	XINKE DANIEL SU
Inventor(s):	DANIEL SU XINKE

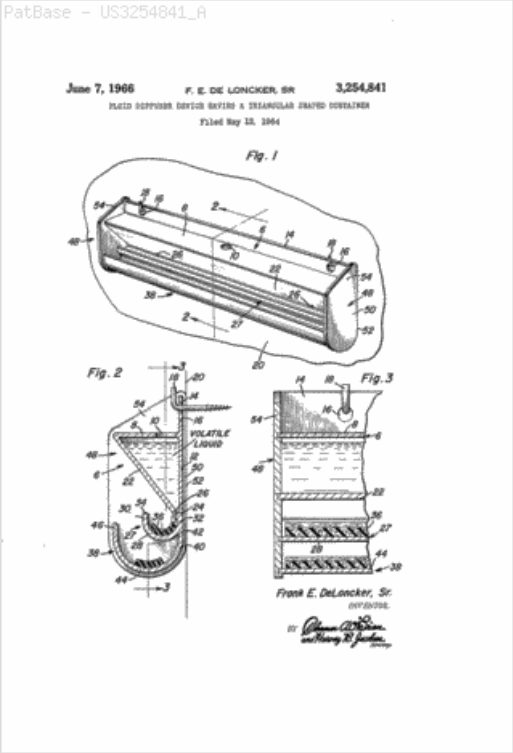
69) Family number: 22658135 (US3254841A)

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Title: FLUID DIFFUSER DEVICE HAVING A TRIANGULAR SHAPED CONTAINER

Abstract: (Claim 1) 1. A fluid containing, dispensing, vaporizing and diffusing device comprising .a horizontally elongated first trough having a front Wall and an opposed rear wall joined along their respective bottom portions by an intervening curvate bottom wall, said trough being wholly open at its top and being adapted to contain and removably retain a Huid evaporating wick, a horizontally elongated fluid container disposed in a plane above the open top of said first trough, said container being triangular in cross-section and embodying a planar vertical wall, a planar top wall joined With and at right angles to and projecting forwardly from said vertical wall and a rearwardly downwardly sloping front Wall converging toward and having its lower portion joining the lower portion of said vertical wall and cooperating therewith and defining a vertex portion, said vertex portion being aligned with, coordinated and integrally joined to an upper edge of the rear wall of said trough, the bottom wall and front wall of said trough underlying said downwardly sloping front wall, said vertex portion having at laest one fiuid gravitating orifice registering with the open top of said trough to discharge fiuid from the con- G5 tainer into the receiver portion of the trough, the upper edge of the front wall of said trough being in a plane approximately level with the position of said oriticc, said top wall having a filler hole, a second horizontally elongated Lrough also open at its top and situated in a plane parallel with and Ibelow said first trough and having one lengthwise wall joined to the rear wall of said first trough, said second trough having a transverse width greater than the wid-th of said first trough, the upper edge of a front wall of said second trough being proximal to but spaced from and in _lt;a plane below the upper edge of the front wall of said first trough whereby the receiver portion of the second trough is capable of collecting and trapping any overflow of liquid from said first trough.

Classifications:
International (IPC 8-9): A01M1/20 A01M13/00 (Advanced/Invention);
A01M1/20 A01M13/00 (Core/Invention)
International (IPC 1-7): B05B9/00
CPC: A01M1/2044
European: 30I5B A01M1/20C2L A01M13/00
US: 239/42 239/43 239/44 239/45 239/51 312/31



Family:

Publication number	Publication date	Application number	Application date
US3254841 A	19660607	US19640366712	19640512

Priority:
US19640366712 19640512

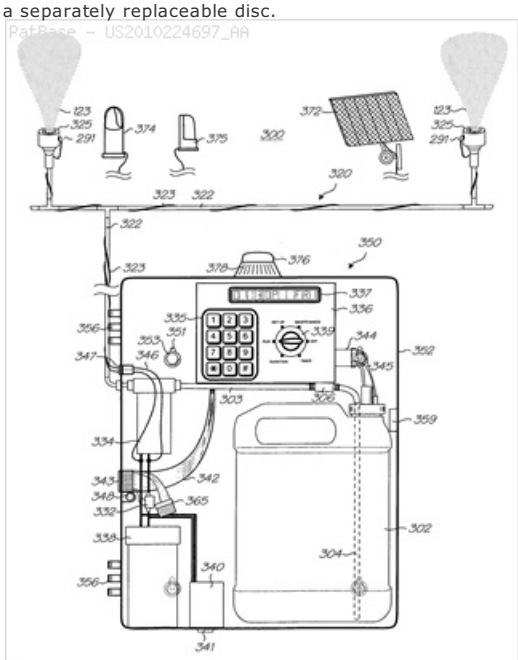
Probable Assignee:	LONCKER SR FRANK E DE
Assignee(s): (std)**:**	LONCKER SR FRANK E DE
Inventor(s): (std)**:**	LONCKER SR FRANK E DE
Inventor(s):	SR FRANK E DE LONCKER

70) Family number: 44975138 (US2010224697A)

Title: ULTRASONIC HUMIDIFIER FOR REPELLING INSECTS

Abstract: The present invention is directed to an ultrasonic repellent humidifier for dispersing insect repellant into the air as a micro fine repellent vapor. A repellent tank provides rhodinol and cedarwood oil based repellent to a repellent well. An ultrasonic transducer is positioned in the well beneath the level of the repellent. It vibrates, forming a repellant vapor that is drawn into a vapor duct by a forced air system and out of the unit, dispersing the repellent vapor into the surrounding air. The vibrating portion of the ultrasonic transducer that is exposed to the oil-based repellent is a ceramic material that inhibits residue from forming on the transducer that reduces its efficiency. The ceramic material may be formed on the metal case of the transducer or on the piezoelectric oscillation crystal, or it may be a separately replaceable disc.

Classifications:
International (IPC 8-9): A01M13/00 A01M7/00 (Advanced/Invention); A01M13/00 (Advanced/Non-invention); A01M13/00 A01M7/00 (Core/Invention); A01M13/00 (Core/Non-invention)
CPC: A01M1/2033 A01M1/205 A01M29/12 B05B17/0615 B05B17/0661 B05B17/0684 H01L41/0533 B05B7/0012
European: A01M1/20C2F A01M1/20C2L2 A01M29/12
US: 239/102.1 239/102.100P 239/102.2 261/81 43/125 43/129 43/132.1 43/132.100S 431/321



Family:

Publication number	Publication date	Application number	Application date
US2010224697 AA	20100909	US20100661358	20100315
US2011226868 AA	20110922	US20110068807	20110519
US7712249 BA	20100511	US20070985816	20071116
US8296993 BB	20121030	US20100661358	20100315

Priority:

US20070985816 20071116 US20100661358 20100315 US20110068807 20110519

Probable Assignee: MONSTER MOSQUITO SYSTEMS

Assignee(s): (std): JOHNNIEKERK LEO ; MODLIN KEMPER O NEAL ; MONSTER MOSQUITO SYSTEMS ; MONSTER MOSQUITO SYSTEMS LLC

Inventor(s): (std): MODLIN KEMPER O NEAL ; JOHNNIEKERK LEO ; NIEKERK LEO JOHN

Inventor(s): MODLIN KEMPER O'NEAL

Agent(s): RUDOLPH J BUCHEL JR LAW OFFICE OF; RUDOLPH J

71) Family number: 64824144 (WO17015702A1)

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Title: INSECT TRAP AND METHOD OF USE

Abstract: The present invention relates to an apparatus for trapping insects, such as fruit flies, and its use in methods of controlling and/or eradicating insect infestations and monitoring for the presence of insects such as fruit flies. In particular, the apparatus is an insect trap comprising a plurality of members joined at a central region and extending outwardly therefrom to form a structure approximating an open spheroid, the members providing a surface wherein at least 25 percent of the total surface is coated with an insect trapping adhesive.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01M1/14 A01M3/04 (Advanced/Invention)
CPC: A01M1/02 A01M1/14

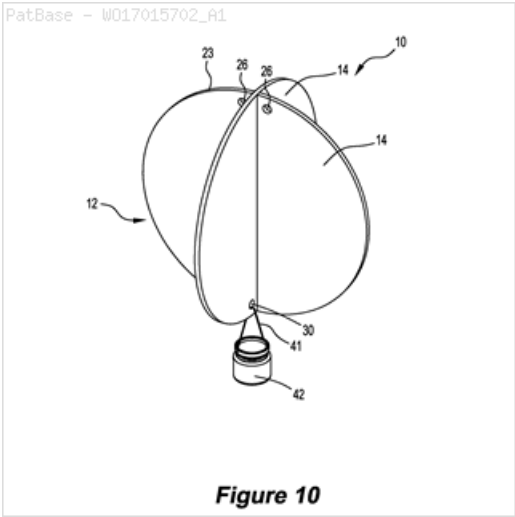


Figure 10

Family:

Publication number	Publication date	Application number	Application date
AU2016301102 AA	20180208	AU20160301102	20160722
PH2018500161 A	20180730	PH20180500161	20180122
WO17015702 A1	20170202	WO2016AU50652	20160722

Priority:

AU20150902958 20150724 AU20160900771 20160302 AU20160901407 20160415
AU20160901604 20160502 WO2016AU50652 20160722

Probable Assignee: AGNOVA TECH PTY LTD

Assignee(s): (std): AGNOVA TECH PTY LTD

Assignee(s): AGNOVA TECHNOLOGIES PTY LTD

Inventor(s): (std): DREW RICHARD ; NICOLL DONALD ; WATSON ANDREW JOHN

Agent(s): GRIFFITH HACK

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

72) Family number: 32136144 (US2005172906A)

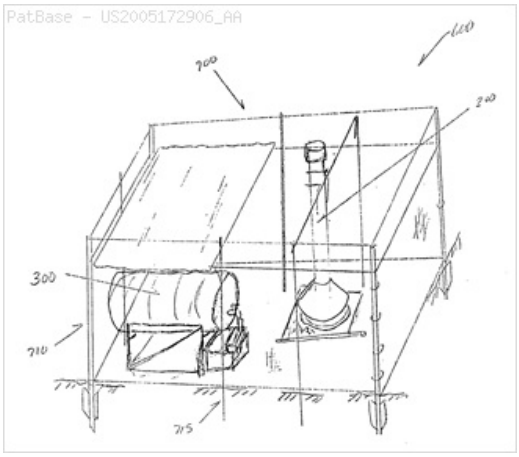
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Title: FOWL RETENTION AND TERRITORY COMPRESSION SYSTEM

Abstract: A fowl retention system is used to passively retain fowl in a preselected natural habitat or a preselected created habitat and to compress the fowl territory. The fowl retention system includes a food/water station contained within a barrier assembly, a protective structure, and a man-made field strip. The fowl retention system provides for the compression of fowl territories, thereby increasing the fowl population per unit area. Further compression of the fowl territory locations provides an additional level of compression by propagating the high density population of the fowl. The protective structure is designed to shield the fowl from the elements and predators. The field strip is planted with native vegetation for both cover and the production of food. The food and water station provides a continuous food and water supply for the fowl.

Classifications:
International (IPC 8-9): A01K31/14 A01K31/22 A01K61/02

A01K7/00 (Advanced/Invention);
A01K31/00 A01K61/02 A01K7/00 (Core/Invention)
International (IPC 1-7): A01K39/04
CPC: A01K31/22
European: A01K31/22
US: 119/329 119/346 119/51.01 119/51.5 119/57.8 119/74 119/78



Family:

Publication number	Publication date	Application number	Application date
US2005172906 AA	20050811	US20040772702	20040205
US7100536 BB	20060905	US20040772702	20040205

Priority:
US20030651461P 20030625 US20040772702 20040205

Probable Assignee: CV THERAPEUTICS INC
Assignee(s): (std): HARTSELL CLIFF
Assignee(s): CV THERAPEUTICS INC
Inventor(s): (std): HARTSELL CLIFF
Agent(s): LAW OFFICES OF CHRISTOPHER L MAKAY; CHRISTOPHER L

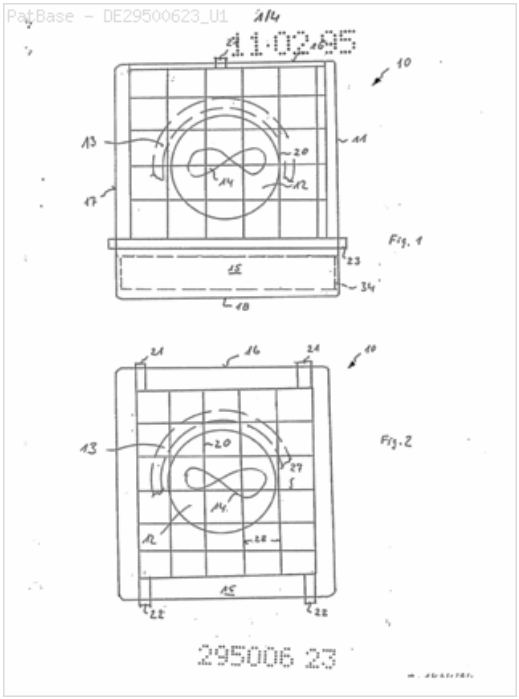
73) Family number: 17711146 (DE29500623U1)

Title: SCHUTZGITTER FUER DIE EINFLUGOEFFNUNG VON INSEKTENFALLEN Grid FOR THE ENTRANCE APERTURE OF INSECT TRAPS (Machine translation)

Abstract: Source: DE29500623U1 [DE] (Claim 1) Ansprueche . Insektenfalle mit einem Gehaeuse, mit einer, einen Ventilator aufweisenden Einflugoe ff nung und einer imBereich der Einflugoeffnung angeordneten UV-Lichtquelle, dadurch gekennzeichnet, dass im Bereich derEin fl ugoe ff nung (12) ein Beruehrungsschutzgitter (20,29, 29a) vor dem Ventilator (1 4) angeordnet ist.

Machine translation: (Claim 1) claims. Case of insect with a housing, with, Einflugoe FF exhibiting a fan nung and one imBereich the test flight opening an arranged source of UV light, is characterized by that in the range that in flat steel bar ugoe FF is arranged nung (12) a beru honour grille (20.29, 29a) before the fan (1 4).

Classifications:
International (IPC 8-9): A01M1/08 (Advanced/Invention);
A01M1/08 (Core/Invention)
International (IPC 1-7): A01M1/04 A01M1/06
CPC: A01M1/08
European: A01M1/04 A01M1/06 A01M1/08



Family:

Publication number	Publication date	Application number	Application date
DE29500623 U1	19950511	DE19952000623U	19950105

Priority:

DE19952000623U 19950105

Probable Assignee: AARCON PRAUSS ARMINIUS GMBH

Assignee(s): (std): AARCON PRAUSS ARMINIUS GMBH ; CHERRY HANDELS GMBH

Assignee(s): CHERRY HANDELS GMBH 27432 BASDAHL DE ; AARCON PRAUSS ARMINIUS GMBH 10709 BERLIN DE

74) Family number: 34354147 (US2007124836A) © PatBase

Title: METHODS FOR GENETIC CONTROL OF INSECT INFESTATIONS IN PLANTS AND COMPOSITIONS THEREOF

Abstract: The present invention relates to control of pest infestation by inhibiting one or more biological functions. The invention provides methods and compositions for such control. By feeding one or more recombinant double stranded RNA molecules provided by the invention to the pest, a reduction in pest infestation is obtained through suppression of gene expression. The invention is also directed to methods for making transgenic plants that express the double stranded RNA molecules, and to particular combinations of transgenic pesticidal agents for use in protecting plants from pest infestation.

Classifications:

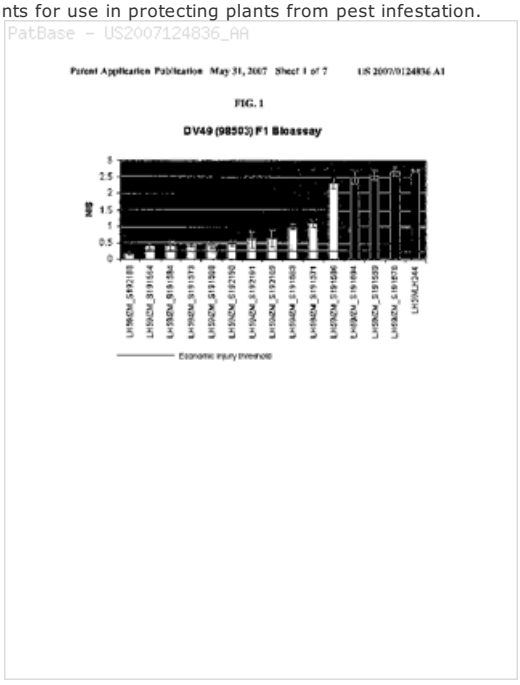
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A01N25/00 A01N63/00 C07H21/02 C07H21/04 C07K14/435 (Advanced/Non-invention);
A01H1/00 A01H5/00 A01H5/10 A01M29/00 A01N43/34 A01N57/00 A01N63/00 A01N63/02 A01N65/00 A01P1/00 A01P17/00 A01P3/00 A01P5/00 A01P7/04 A23G1/00 A23G1/30 A23L1/48 A23L3/3463 A61K31/00 A61K31/7105 A61K31/711 A61K31/713 A61K38/00 A61K9/12 A61K9/48 A61P31/00 A61P33/00 C07H21/00 C07K14/435 C12N1/12 C12N1/15 C12N1/19 C12N1/21 C12N15/00 C12N15/09 C12N15/11 C12N15/12 C12N15/82 C12N5/00 C12N5/04 C12N5/10 C12P19/00 C12Q1/68 (Core/Invention);
C07K C12N (Subclass/Invention)

International (IPC 1-7): A01H5/00 A01N63/02 A23K1/00 C07K14/435 C12N1/21 C12N15/11 C12N15/12 C12N15/82 C12N5/10

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US: 127/29 162/100 424/278.1 424/282.1 424/84 424/93.2 424/93.21 424/93.210S 426/443 426/443S 426/54 426/54S 426/594 426/597 426/61 426/615 426/635 426/655 426/665 426/665S 43/131 435/252.3 435/252.300S 435/254.2 435/257.2 435/320.1 435/320.100S 435/412 435/418 435/419 435/419S 435/468 435/468S 435/6 435/6.15 435/6.150S 504/116.1 504/117 514/44 514/44.00AS 514/44.00RP 514/44A 514/44R 530/370 530/370S 536/102 536/102S 536/23.1 536/23.100S 536/23.5 536/23.500S 536/23.6 536/23.600S 536/23.71 536/24.1 536/24.3 536/24.31 536/24.33 536/24.5 536/24.500S 536/25.1 554/1 554/9 554/9S 800/278 800/278S 800/279 800/279P 800/279S 800/285 800/286 800/288 800/289 800/289S 800/298 800/298S 800/301 800/301S 800/302 800/302S 800/303 800/303S 800/320.1



Family:

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Probable Assignee: DEVGEN NV

Assignee(s): (std): BAUM JAMES A ; BLEU ELS VAN ; BOGAERT THIERRY ; BOGAERT THIERRY ANDRE OLIVIER EDDY ; BUAM JAMES A ; CAJACOB CLAIRE A ; DAMME NICOLE ; MONSANTO TECHNOLOGY LLC ; FELDMANN PASCALE ; HECK GREGORY R ; MADDELEIN WENDY ; DEVGEN NV ; DEGRAVE LIES ; KUBLER LAURENT ; MONSANTO TEHNOLOGY LLC ; MONSANTO TECH LLC ; PLAETINCK GEERT ; VAUGHN TY T ; NOOREN IRENE ; RAEMAEKERS ROMAAN ; VAN BLEU ELS ; PECQUEUR FREDERIC ; VANBLEU ELS ; REMORY ISABEL ; PLAETINCK GEERT KAREL MARIA ; MONSANTO TEKNOLODZHI LLS

Assignee(s): MONSANTO TECHNOLOGY LLC SOC ANONIMA ORGANIZADA BAJO LAS LEYES DEL ESTADO DE DELAWARE ; MONSANTO TECHNOLOGY LLC ST LOUIS ; DEVGEN N V ; DEVGEN NU

Inventor(s): (std): PLAETINCK GEERT ; VAUGHN TY T ; CAJACOB CLAIRE A ; BAUM JAMES A ; FELDMANN PASCALE ; HECK GREGORY R ; MADDELEIN WENDY ; NOOREN IRENE ; RAEMAEKERS ROMAAN ; VAN BLEU ELS ; PECQUEUR FREDERIC ; BLEU ELS VAN ; DEGRAVE LIES ; KUBLER LAURENT ; REMORY ISABEL ; DAMME NICOLE ; TY T VAUGHN ; CLAIRE A CAJACOB ; JAMES A BAUM ; GREGORY R HECK ; ELS VAN BLEU ; MADDELEIN WENDY ET AL ; VANBLEU ELS ; LAURENT KUBLER ; ROMAAN RAEMAEKERS ; ELS VANBLEU ; FREDERIC PECQUEUR ; ELS BLEU VAN ; NICOLE DAMME ; ISABEL REMORY ; LIES DEGRAVE ; PECUQEUR FREDERIC ; PLAETINCK GEERT KAREL MARIA ; VAN BLUE ELS ; BOGAERT THIERRY ; BLEU ELS ; BAUM JAMES ; HECK GREGORY ; CAJACOB CLAIRE ; VAUGHN TY ; GOVAERT THIERRY ; BOGAERT THIERRY ANDRE OLIVIER EDDY ; MADDELEN VENDI ; GEERT PLAETINCK ; IRENE NOOREN ; WENDY MADDELEIN ; PASCALE FELDMANN ; PLATINK GERT ; NOOREN IRENA ; BUAM JAMES A ; THIERRY BOGAERT ; VON TAY T ; TOM BOGAERT ; BOQAERT THIERRY ; KHEK GREGORI R ; KEJDZHEJKOB KLEHR A ; BAUM DZHEJMS A ; VON TAJ T ; FEL DMANN PASKAL ; NOOREN IRENE MARIA ANTONIA ; MADDELEIN WENDY T

Inventor(s): CLAIRE ACAJACOB ; GREGORY RHECK ; TY TVAUGHN ; JAMES ABAUM ; BOGAERT A THIERRY ; HECK GREGORY R CRYSTAL LAKE PARK ; CAJACOB CLAIRE A CHESTERFIELD ; BAUM JAMES A WEBSTER GROVES ; FELDMANN PASCALE ST LOUIS ; VAUGHN TY T IMP ; VAUGHN TY T ST LOUIS ; FEL'DMANN PASKAL' ; PLATINCK GEERT ; FREDERIC PECUQEUR ; NOOREN IRENE AND

Agent(s): PIZZEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; KNIGHTSBRIDGE PATENT ATTORNEYS; DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; GOUDREAU GAGE DUBUC; GOWLING LAFLEUR HENDERSON LLP; GOWLING WLG CANADA LLP; MCFADDEN FINCHAM; MCFADDEN FINCHAM INC; OSLER HOSKIN AND HARCOURT LLP; SMART AND BIGGAR; ALESSANDRI; BUNGARTZ CHRISTOPHERSEN PARTNERSCHAFT MBB PATENTANWAELTE; DOMPATENT VON KREISLER SELTING WERNER PARTNERSCHAFT VON PATENTANWAELTEN U RECHTSANWAELTEN MBB; HELBING JOERG; VON KREISLER SELTING WERNER; DE CLERCQ ANN G Y ET AL; DE CLERCQ ANN G Y; SYNGENTA INT AG; DOMPATENT VON KREISLER SELTING WERNER PARTNERSCHAFT VON PATENT U RECHTSANWAELTEN MBB; LEHMANN MARIA ISABEL; CARPINTERO MARIO; SHOJI TAKASHI; SUKENOBU YURIKO; FULBRIGHT AND JAWORSKI LLP; WOLF GREENFIELD AND SACKS PC; FOLEY AND LARDNER LLP,SUITE 500; SNR DENTON US LLP; TIMOTHY K; CARINE M; DENTONS US LLP; T K; FOLEY AND LARDNER LLP; YOSHIMI D; AMANDA; TOSHII D

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM 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 MG MK ML MN MR 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

75) Family number: 28888148 (US6601337B)

© PatBase

Title: Flying insect attractor and eradicator

Abstract: The apparatus includes a bladder having an elastic wall capable of being punctured by proboscis of flying insects and being self-sealing. The bladder is made from VTR rubber and may be made from animal skin as well. The bladder contains diluted liquid insecticide and supports means for heating same. The means for heating includes a power source and a rheostat connected thereto and to a heating coil for regulating the temperature of liquid insecticide. A cage supports the bladder therewithin and at least one hanger is attached to the cage for hanging the apparatus on a limb or the like. A first support member engages the cage and has a passageway for receiving therethrough a neck of the bladder. A plurality of clamps secure the cage to the first support member and a cap removably fits above the passageway for preventing the evaporation of liquid insecticide. In alternate embodiments, the cage only surrounds a lower or upper portion of the bladder.

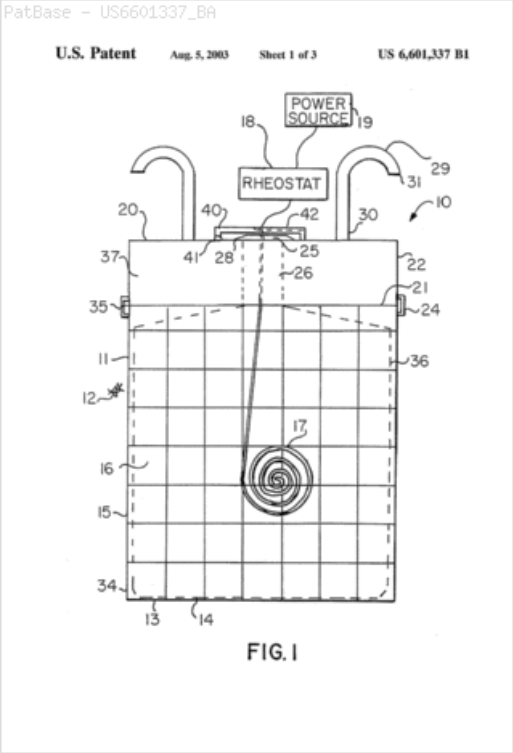
Classifications:

International (IPC 1-7): A01M1/20

CPC: A01M1/02 A01M1/023 A01M1/2016 A01M1/2077 A01M2200/012

European: A01M1/02B A01M1/20A1 A01M1/20B A01M1/20C K01M200/012 K01M201/02

US: 43/132.1 431/321



Family:

Publication number	Publication date	Application number	Application date
US6601337 BA	20030805	US20020121990	20020412

Priority:

US20020121990 20020412

Probable Assignee: MCKENNEY SR ROBERT T

Assignee(s): MCKENNEY SR ROBERT T

Inventor(s): (std)**:** MCKENNEY SR ROBERT T

76) Family number: 29618151 (US2001008758A)

© PatBase

Title: DELIVERY OF AN AGENT

Abstract: The invention relates to a method for selectively releasing an agent loaded into a red blood cell, comprising electrosensitizing the red blood cell by application of an electric field and subsequently disrupting the cell selectively using ultrasound.

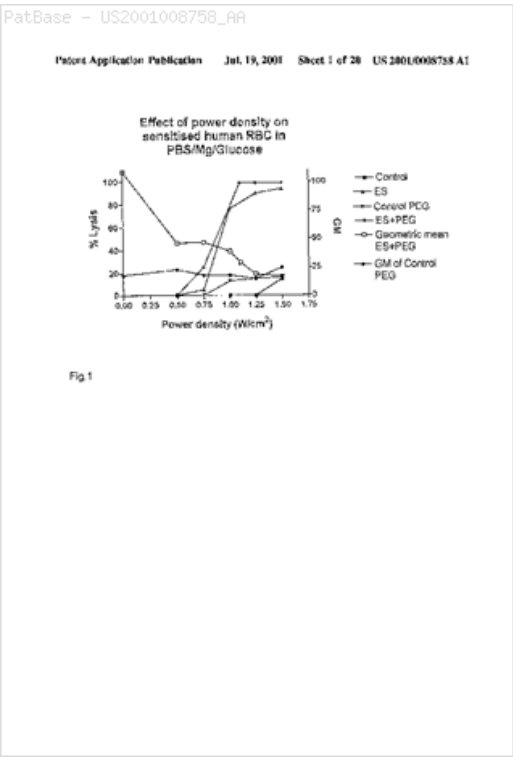
Classifications:

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International (IPC 1-7): A01K67/027 A01N1/02 A01N63/00 A01N65/00 A61K31/00 A61K35/18 A61K38/16 A61K39/00 A61K41/00 A61K45/00 A61K47/34 A61K47/48 A61K48/00 A61K49/00 A61K9/00 A61K9/08 A61K9/50 A61M1/02 A61M1/14 A61M1/36 A61M37/00 A61N1/00 B01D17/06 C07K14/16 C07K14/435 C07K14/47 C07K14/72 C12M1/42 C12M3/00 C12N1/00 C12N12/87 C12N13/00 C12N15/00 C12N15/01 C12N15/62 C12N15/85 C12N15/87 C12N3/00 C12N5/00 C12N5/02 C12N5/06 C12N5/08 C12N5/10

CPC: C12N15/8509 A01K2217/05 A01K2227/105 A01K2267/01 A61K35/18 A61K38/00 C07K14/43595 C07K14/4703 C07K14/721 C12N5/0641 C12N2517/02 C12N2800/30 C12N2830/008 A01K2217/20 A01K2267/025 C07K14/005 C07K2319/00 C12N2740/16322 C12N15/87 C12M35/02 A61K47/6901 A61K9/0009 A61K41/00 A61K41/0033 A61K9/5068

European: A01K67/027A1 A61K35/18 A61K41/00 A61K41/00M4 A61K47/48W2 A61K9/00L8 A61K9/50H8B C07K14/005 C07K14/16F C07K14/435A5 C07K14/47A1A C07K14/72A C12M35/02 C12N15/85A C12N15/87 C12N5/06B11E K01K217/05 K01K217/20 K01K227/10M K01K267/01 K01K267/02B K61K38/00 K61K9/50H8B M07K207/00 M07K319/00 M12N203/02 M12N485/03 M12N490/00 M12N517/02 M12N740/16322 M12N800/30 M12N830/00C



US: 210/321.78 210/321.780S 210/748 210/85 210/85S 210/86 210/86S 424/93.6 424/93.7 424/93.700P 424/93.700S 435/173.1 435/173.100P 435/173.100S 435/173.4 435/173.5 435/173.6 435/173.7 435/2 435/285.2 435/285.200S 435/292.1 435/294.1 435/2P 435/306.1 435/325 435/325S 435/446

435/446P 435/461 435/461P 435/470 435/81 435/810 435/810S 514/1.1 514/2 604/4.01 604/4.010P 604/6.15 604/6.150S 607/1 607/1S

Family:

Publication number	Publication date	Application number	Application date
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WO0207752 A3	20030828	WO2001GB03327	20010724

Priority:

GB19990017416 19990723
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WO2001GB03327 20010724
US20030407881 20030404

Probable Assignee: GENDEL LTD

Assignee(s): (std): GENDEL LIMITED ; GENDEL LTD ; MCHALE ANTHONY PATRICK ; ROLLAN HARO ANA MARIA ; KINGDON CRAIG R ; UUTECH LTD ; CRAIG ROGER ; UNIV ULSTER ; FADLON EMMA

Assignee(s): FADLON EMMA JANE ; HARO ANA MARIA ROLLAN ; MCHALE ANTHONY P ; PATRICK MCHALE ANTHONY ; UUTECH LTD COLERAINE ; OF ULSTER UNIV ; CRAIG ROGER K ; CRAIG ROGER KINGDON ; GENDEL SUITE C134 HARWELL INT LTD ; UNIVERSITY OF ULSTER ; UUTECH LIMITED

Inventor(s): (std): FADLON EMMA ; MCHALE ANTHONY PATRICK ; CRAIG ROGER ; ROLLAN HARO ANA MARIA ; HARO ANA MARIA ROLLAN ; MCHALE ANTHONY P ; FADLON EMMA JANE ; CRAIG ROGER K ; PATRICK MCHALE ANTHONY ; CRAIG ROGER KINGDON

Inventor(s): ANA MARIA ROLLAN HARO ; ROGER CRAIG ; ANTHONY PATRICK MCHALE ; ROGER KINGDON CRAIG ; EMMA FADLON

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; BERESKIN AND PARR; BERESKIN AND PARR LLP SENCRL SRL

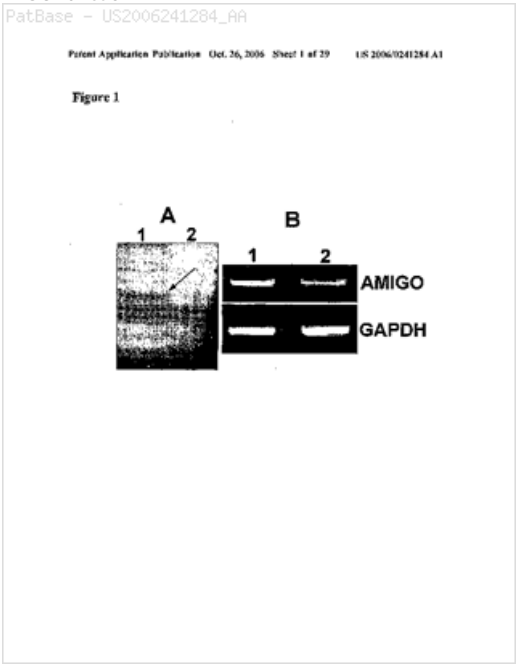
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77) Family number: 30688151 (US2006241284A)

Title: TRANSMEMBRANE PROTEIN AMIGO AND USES THEREOF

Abstract: The present invention provides methods and compositions relating to vertebrate AMIGO, AMIGO2, AMIGO3, collectively vertebrate AMIGO polypeptides, related nucleic acids, and polypeptide domains thereof having vertebrate AMIGO-specific structure and activity, and modulators of vertebrate AMIGO function.

Classifications:
International (IPC 8-9): A01K67/027 A61K31/7088 A61K38/00 A61K39/00 A61K39/395 A61K45/00 A61P25/02 A61P25/28 A61P35/00 A61P43/00 C07H21/04 C07K1/22 C07K14/47 C07K14/475 C07K14/705 C07K16/18 C07K16/24 C07K16/28 C07K2/00 C12N1/15 C12N1/19 C12N1/21 C12N15/09 C12N15/63 C12N5/06 C12N5/10 C12P21/02 C12P21/06 C12P21/08 C12Q1/02 C12Q1/68 G01N33/15 G01N33/50 G01N33/53 G01N33/566 (Advanced/Invention);
A61K38/00 (Advanced/Non-invention);
A01K67/027 A61K31/7088 A61K39/00 A61K39/395 A61P35/00 C07H21/00 C07K1/00 C07K14/435 C07K16/18 C07K2/00 C12N15/63 C12N5/06 C12P21/02 G01N33/566 (Core/Invention)
International (IPC 1-7): A61K38/17 A61P25/02 A61P25/28 A61P35/00 C07K14/71
CPC: C07K14/705 A61K38/00
European: C07K14/705 K61K38/00 M07K207/00 M07K215/00
US: 424/172.1 424/172.100P 424/185.1 424/185.100S 435/320.1 435/320.100S 435/325 435/325S 435/375 435/375S 435/6 435/6.16 435/6.160S 435/69.1 435/69.100S 435/6S 435/7.21 435/7.210S 436/501 436/501S 530/300 530/300S 530/350 530/350P 530/350S 530/388.22 530/388.220S 530/389.1 530/389.100S 530/415 530/415S 536/23.5 536/23.500S 536/24.31 536/24.310S 536/24.33 536/24.330S 800/13 800/13S



Family:

Publication number	Publication date	Application number	Application date
AU2003285385 AA	20040709	AU20030285385	20031212
EP1578797 A1	20050928	EP20030778373	20031212
JP2006525784 T2	20061116	JP20040560540T	20031212
US2006241284 AA	20061026	US20030537102	20031212
US2008241168 AA	20081002	US20080076413	20080318
WO04055055 A1	20040701	WO2003FI00949	20031212

Priority:

US20020433011P 20021213 WO2003FI00949 20031212 US20050537102 20050602 US20080076413 20080318

Probable Assignee: LICENTIA LTD

Assignee(s): (std): KIILTOMAEKI MARJAANA ; KIILTOMAKI MARJAANA ; KUJA PANULA JUHA ; LICENTIA LTD ; RAUVALA HEIKKI

Inventor(s): (std): KIILTOMAEKI MARJAANA ; KIILTOMAKI MARJAANA ; KUJA PANULA JUHA ; RAUVALA HEIKKI ; MARJAANA KIILTOMAKI ; JUHA KUJA PANULA ; HEIKKI RAUVALA

Agent(s): BIRCH STEWART KOLASCH AND BIRCH

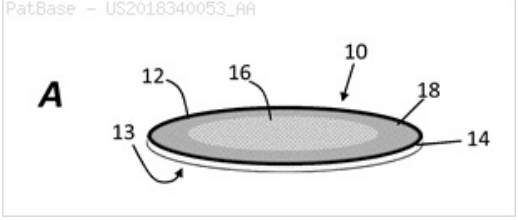
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78) Family number: 72078153 (US2018340053A)

Title: DRIED ATTRACTIVE LURE AND KILL STATIONS FOR THE CONTROL OF AEDES AEGYPTI

Abstract: An effective dried attractive toxic bait station that acts as a lure and kill device for *Ae. aegypti* and other mosquitoes. The bait station is a simulated refuge at least part of which is coated with a dried mixture of poison and sugar forming a dried toxic sugar-containing bait. The simulated refuge attracts *Ae. aegypti* and other mosquitoes to bait station and encourages them to land on the coated portion. Once a mosquito has landed, it detects the sugar in the dried mixture of sugar and poison and ingests some of it. Once ingested, the dried mixture of poison and sugar will eventually kill the mosquito.

Classifications:
International (IPC 8-9): A01M1/04 A01M1/20 C08K3/015 C08K3/38 (Advanced/Invention)
CPC: C08K3/38 C08K3/015 A01M2200/012 A01M1/2005 A01M1/04



Family:

Publication number	Publication date	Application number	Application date
US2018340053 AA	20181129	US20180990931	20180529

Priority:

US20170511461P 20170526 US20180990931 20180529

Probable Assignee: UNIV SYRACUSE

Assignee(s): (std)**:** LARSEN DAVID ; NEIRA MARCO ; STEWART ANNA ; UNIV SYRACUSE

Assignee(s): SYRACUSE UNIV

Inventor(s): (std)**:** LARSEN DAVID ; STEWART ANNA ; NEIRA MARCO

79) Family number: 69101155 (US2018092344A)

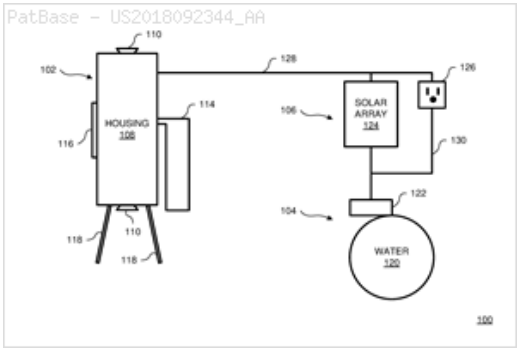
Title: SYSTEM AND METHOD FOR LURING AND TRAPPING BLOOD-SEEKING AND BITING INSECTS INCLUDING HEMATOPHAGOUS ARTHROPODS

Abstract: A system, and method for trapping biting or blood-seeking flying insects, including a host-seeking stage module configured to trap target insects in a host-seeking stage thereof, and comprising a lure including an olfactory cue configured to attract the target-insects in the host-seeking stage, and a first suction mechanism configured with suction to suck the target insects in the host-seeking stage near the lure into a first container; and a ovipository stage module configured to trap target insects in an ovipository stage thereof, and comprising a water reservoir configured to attract gravid females seeking to deposit eggs thereon, and a second suction mechanism configured with suction to suck the gravid females from the water reservoir into a second container.

Classifications:

International (IPC 8-9): A01M1/02 A01M1/06 A01M1/10 (Advanced/Invention)

CPC: A01M1/023 A01M1/06 A01M1/106 A01M1/02 A01M1/04 A01M1/08



Family:

Publication number	Publication date	Application number	Application date
US2018092344 AA	20180405	US20160286167	20161005

Priority:

US20160286167 20161005

Probable Assignee: TYLER GEORGE R

Assignee(s): (std)**:** TYLER GEORGE R

Inventor(s): (std)**:** TYLER GEORGE R

80) Family number: 33039161 (US2009199457A)

Title: METHODS AND DEVICES FOR PEST CONTROL

Abstract: The methods and devices can be applied in households, industry, healthcare, agriculture, forestry and other for immobilization and extermination of pests. They are complex, universal ecological and with improved effectiveness and productivity. The device on Fig. 1 consists of a conical inclined platform (1), which together with an upper conical cover (19), attached to platform (1) with pop-up connections (13) through transient circular platform (14), form an integrated corridor (15) along the conference of the device at the upper end of conical inclined platform (1) by the circular platform (14) is linked the wider end of a funnel (2), the lower (narrower) end is positioned centrally above a mobile container (6), where the enticement (7) is placed, where a zero electric truck (3) and phase electric truck (4) are attached one after another on the inside surface of the funnel (2).

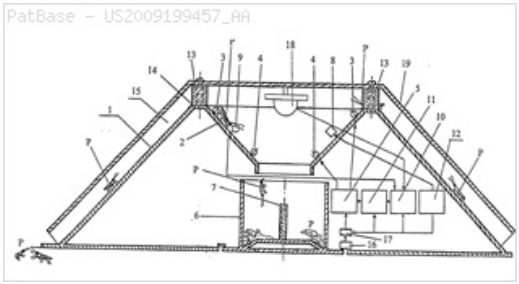
Classifications:

International (IPC 8-9): A01M1/02 A01M1/22 A01M23/38 A01M31/00 (Advanced/Invention);
A01M1/00 A01M1/02 A01M23/00 A01M31/00 (Core/Invention)

CPC: A01M1/026 A01M1/223 A01M1/226 A01M23/38 A01M31/002

European: A01M1/02E A01M1/22B A01M1/22D A01M23/38 A01M31/00A

US: 43/99



Family:

Publication number	Publication date	Application number	Application date
BG108950 A	20060531	BG20040108950	20041126
BG65732 B1	20090930	BG20040108950	20041126
EP1814388 A1	20070808	EP20050819170	20051125
US2009199457 AA	20090813	US20050719454	20051125
WO06056032 A1	20060601	WO2005BG00018	20051125

Priority:

BG20040108950 20041126 WO2005BG00018 20051125

Probable Assignee: DOBRYANOV ALEKSEY DIMITROV

Assignee(s): (std): DOBRIYANOV ALEKSEY ; DOBRYANOV ALEKSEY DIMITROV ; GRIGOROV GRIGOR ; GRIGOROV GRIGOR RANGELOV ; PANOV IVAN YORDANOV

Inventor(s): (std): GRIGOROV GRIGOR RANGELOV ; DOBRYANOV ALEKSEY DIMITROV ; GRIGOROV GRIGOR ; DOBRIYANOV ALEKSEY

Agent(s): BROWN AND MICHAELS PC 400 M AND T BANK BUILDING

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

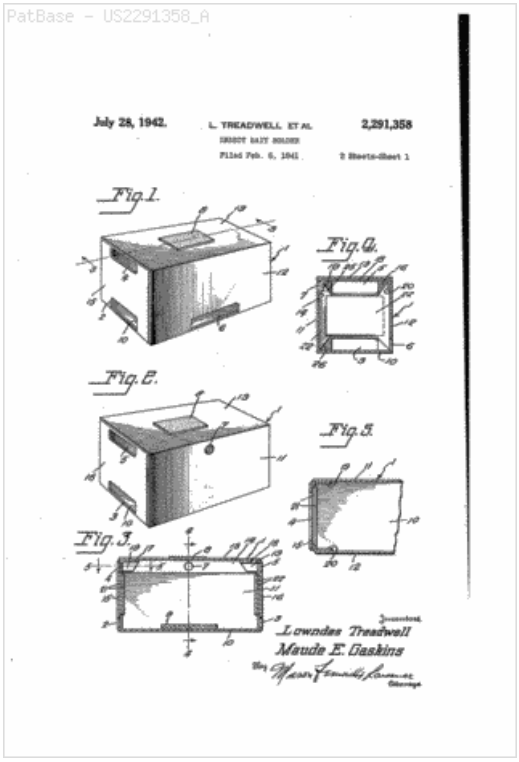
81) Family number: 21153161 (US2291358A)

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Title: INSECT BAIT HOLDER

Abstract: 1. An insect bait holder comprising a box folded from a blank having bottom, top, front and back panels united to lorin a tubular structure and having end naps and end panels, oneof said end panels having an insect entrance slot at the bottom, the other, an insect exit slot at the top, said end panels being provided with inwardly folding connecting flaps at their top edges, tucking beneath said top panel, said tuck naps having lateral locking tabs foldable against said tuck flaps for insertion of the latter and adapted to spread behind said end naps adjacent the connections of said end flaps to the back and front panels.

Classifications:
International (IPC 8-9): A01K97/04 (Advanced/Invention); A01K97/04 (Core/Invention)
International (IPC 1-7): A01K97/04
CPC: A01K97/04
European: A01K97/04
US: 43/131



Family:

Publication number	Publication date	Application number	Application date
US2291358 A	19420728	US19410377746	19410206

Priority:
US19410377746 19410206

Probable Assignee: GASKINS MAUDE E

Assignee(s): (std): GASKINS MAUDE E ; LOWNDES TREADWELL

Inventor(s): (std): GASKINS MAUDE E ; LOWNDES TREADWELL

Inventor(s): TREADWELL LOWNDES

82) Family number: 33545162 (US2007078113A)

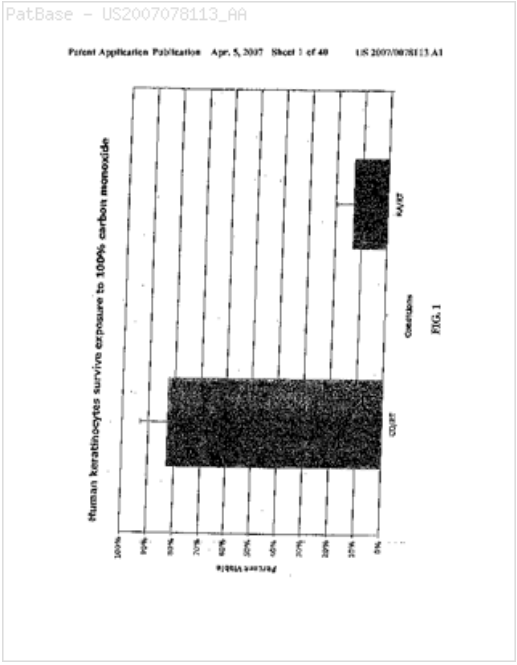
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Title: METHODS, COMPOSITIONS AND ARTICLES OF MANUFACTURE FOR ENHANCING SURVIVABILITY OF CELLS, TISSUES, ORGANS, AND ORGANISMS

Abstract: The present invention concerns the use of oxygen antagonists and other active compounds for inducing stasis or pre-stasis in cells, tissues, and/or organs in vivo or in an organism overall, in addition to enhancing their survivability. It includes compositions, methods, articles of manufacture and apparatuses for enhancing survivability and for achieving stasis or pre-stasis in any of these biological materials, so as to preserve and/or protect them. In specific embodiments, there are also therapeutic methods and apparatuses for organ transplantation, hyperthermia, wound healing, hemorrhagic shock, cardioplegia for bypass surgery, neurodegeneration, hypothermia, and cancer using the active compounds described.

Classifications:
International (IPC 8-9): A01N1/00 A61K31/095 A61K31/165 A61K31/185 A61K31/21 A61K31/26 A61K31/275 A61K31/555 A61K31/66 A61K33/04 A61K33/06 A61K33/44 A61K45/00 A61P17/02 A61P41/00 A61P43/00 A61P7/00 A61P7/04 A61P7/06 A61P9/00 A61P9/10 C12N5/00 C12N5/07 G01N33/15 G01N33/50 (Advanced/Invention);

A01N1/00 A61K31/095 A61K31/165 A61K31/185 A61K31/21 A61K31/275 A61K31/555 A61K31/66 A61K33/04 A61K33/06 A61K33/44 A61K45/00 A61P17/00 A61P41/00 A61P43/00 A61P7/00 A61P9/00 C12N5/00 G01N33/15 G01N33/50 (Core/Invention); C12N (Subclass/Invention)
International (IPC 1-7): A61K33/04
CPC: A61K33/04 Y10S514/921 A01N1/02 A01N1/0226 A61K31/095 A61K31/165 A61K31/185 A61K31/21 A61K31/26 A61K31/275 A61K31/555 A61K31/66 A61K45/06
European: A01N1/02 A01N1/02C2P A61K31/095 A61K31/165 A61K31/185 A61K31/21 A61K31/26 A61K31/275 A61K31/555 A61K31/66 A61K45/06
US: 424/702 424/702P 435/375 435/375S 514/114 514/126 514/126S 514/144 514/184 514/184S 514/514 514/514S 514/526 514/526S 514/553 514/553S 514/621 514/621S 514/706 514/706S 514/921



Family:

Publication number	Publication date	Application number	Application date
AU2006236150 AA	20061026	AU20060236150	20060420
BRPI0607531 A2	20090915	BR2006PI07531	20060420
CA2605631 AA	20071022	CA20062605631	20060420
CN101203231 A	20080618	CN200680022196	20060420
DE602006038852 D1	20131212	DE200660038852T	20060420
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EP1879599 B1	20131016	EP20060751023	20060420
ES2443653 T3	20140220	ES20060751023T	20060420
IL186814 A0	20080209	IL20060186814	20060420
IN08901DN2007 A	20080111	IN2007DN08901	20071120
JP2008538569 T2	20081030	JP20080507930T	20060420
MX2007013196 A1	20080118	MX20070013196	20060420
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US2007078113 AA	20070405	US20060408734	20060420
US2008171725 AA	20080717	US20070837491	20070810
US2008171726 AA	20080717	US20070837539	20070812
US2012040024 AA	20120216	US20110194635	20110729
US2016361356 AA	20161215	US20160992637	20160111
US8822535 BB	20140902	US20060408734	20060420
WO06113914 A2	20061026	WO2006US15158	20060420
WO06113914 A3	20070419	WO2006US15158	20060420

Priority:

US20050673037 20050420 US20050673037P 20050420 US20050673295P 20050420
US20050713073P 20050831 US20050731549P 20051028 US20060762462P 20060126
EP20060751023 20060420 WO2006US15158 20060420 US20060408734 20060420
US20070837491 20070810 US20070837539 20070812 US20110194635 20110729
US20160992637 20160111

Probable Assignee: FRED HUCHINSON CANCER RESEARCH CENTER

Assignee(s): (std): BLACKSTONE ERIC ; FRED HUTCHINSON CANCER RES CENTER ; HUTCHINSON FRED CANCER RES ; GOLDMARK JESSE ; ROTH MARK B ; MORRISON MIKE ; MILLER DANA ; FRED HUTCHISON CANCER RES CT

Assignee(s): FRED HUTCHISON CANCER RESEARCH CENTER ; FRED HUTCHINSON CANCER RESEARCH CENTER ; FRED HUTCHINSON CANCER RESEARCH CENTER SEATTLE ; FRED HUCHINSON CANCER RESEARCH CENTER

Inventor(s): (std): DANA MILLER ; ERIC BLACKSTONE ; GOLDMARK JESSE ; BLACKSTONE ERIC ; MIKE MORRISON ; MILLER DANA ; MORRISON MIKE ; ROTH MARK B

Inventor(s): ROTH MARK B SEATTLE ; MORRISON MIKE SEATTLE ; ROTH MARK ; MILLER DANA SEATTLE ; BLACKSTONE ERIC SEATTLE ; JESSE GOLDMARK ; MARK B ROTH

Agent(s): PIZZEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; BCF LLP; SCHWABE SANDMAIR MARX PATENTANWAELTE RECHTSANWALT PARTNERSCHAFT MBB; DEHMEL ALBRECHT; MACLEAN MARTIN ROBERT; PONTI ADELAIDA; OSAKABE SUGURU; SHIMIZU HATSUSHI; FULBRIGHT AND JAWORSKI LLP

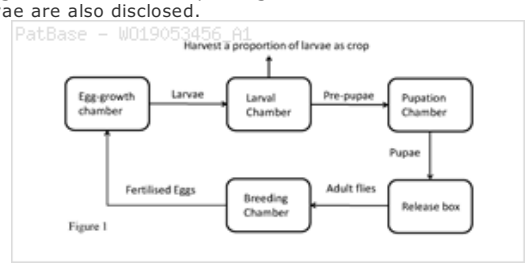
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG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

83) Family number: 67438162 (WO19053456A1) © PatBase

Title: APPARATUS AND METHODS FOR PRODUCTION OF DIPTERAN INSECTS

Abstract: A modular system for breeding and harvesting flies, comprising: an egg-growth chamber configured to receive fertilised eggs and to permit the fertilised eggs to develop and hatch as larvae, the egg- growth chamber comprising at least one egg holder, the or each egg holder being adapted to retain the fertilized eggs and allow passage of the larvae from the egg-holder to a food source to provide larvae in the food source; a larval chamber configured to receive the larvae in the food source and to permit the larvae to feed on the food source and develop into pre-pupae to provide pre-pupae in the food source; a pupation chamber configured to receive the pre-pupae in the food source and to permit the pre-pupae to develop into pupae, the pupation chamber being configured to dry the food source and the pre-pupae to provide pupae in a dried food source; a release box configured to receive the pupae in thedried food source and to permit the pupae to develop into adult flies, the release box comprising one or more outlets for adult flies to leave the release box; and a breeding chamber configured to receive adult flies via the one or more outlets in the release box and to permit adult flies to mate to provide gravid females, and wherein the gravid females oviposit fertilised eggs in one or more ovipositing racks. Methods and apparatus for breeding flies and apparatus for counting flies and larvae are also disclosed.

Classifications:
International (IPC 8-9): A01K67/033 (Advanced/Invention)
CPC: A01K67/033



Family:

Publication number	Publication date	Application number	Application date
GB201714822 A0	20171101	GB20170014822	20170914
WO19053456 A1	20190321	WO2018GB52631	20180914

Priority:
GB20170014822 20170914

Probable Assignee: ENTOCYCLE LTD

Assignee(s): (std): ENTOCYCLE LTD

Inventor(s): (std): WHITAKER KEIRAN CAMILO OLIVARES ; HILLMANN PAUL SAMUEL

Agent(s): GOODACRE JONATHAN 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

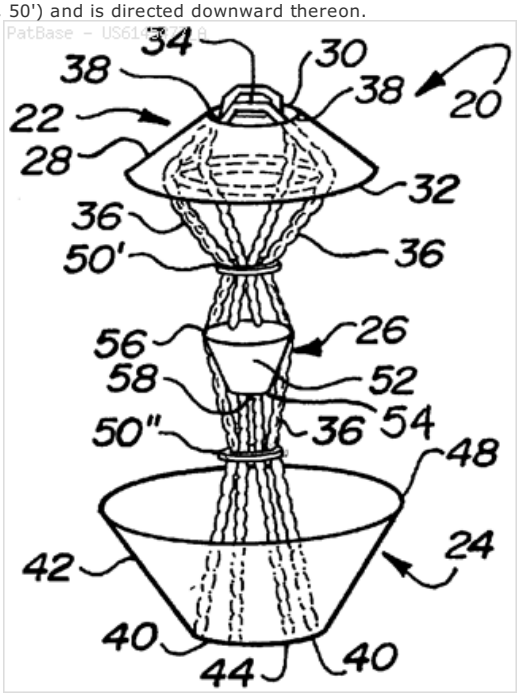
84) Family number: 12662162 (US6145477A)

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Title: WALL-LESS ANIMAL CONTAINMENT SYSTEM

Abstract: PCT No. PCT/US97/16365 Sec. 371 Date Mar. 9, 1999 Sec. 102(e) Date Mar. 9, 1999 PCT Filed Sep. 12, 1997 PCT Pub. No. WO98/12914 PCT Pub. Date Apr. 2, 1998A wall-less animal containment system for non-flying animals. The containment system includes a lower enclosure (24) that defines a generally upward concavity from a center portion (44) to a rim (48) with a wall extending between the center portion (44) and the rim (48). The interior surfaces of the wall are sufficiently smooth to prevent the animals contained therein from gripping onto the wall and climbing out of the lower enclosure (25). A perch is (50'',50') is located above the lower enclosure (24) to permit animals in the containment system to perch above the lower enclosure (24). A lower support (36, 120) extends from the lower enclosure (24) and spaces the perch (50'', 50') above the lower enclosure (24). The lower support (36, 120) is located so as to be a distance away from the rim (48) of the lower enclosure (24) to prevent an animal from climbing from the support (36, 120) to the rim (48). A lamp assembly (60) which includes a bulb, is located above the perch (50'', 50') and is directed downward thereon.

Classifications:
International (IPC 8-9): A01K1/00 A01K1/03 A01K63/00 A01K7/02 (Advanced/Invention)
International (IPC 1-7): A01K1/00 A01K31/12 A01K7/02
CPC: A01K1/03 A01K63/003
European: A01K1/03 A01K63/00A
US: 119/416 119/452 119/468 119/57.9



Family:

Publication number	Publication date	Application number	Application date
CA2265638 AA	19990309	CA19972265638	19970912
US6145477 A	20001114	US19990254756	19990309
WO9812914 A2	19980402	WO1997US16365	19970912
WO9812914 A3	19980604	WO1997US16365	19970912

Priority:

US19960025196P 19960912 WO1997US16365 19970912 US19990254756 19990309

Probable Assignee: JANSEN LABORATORIES LLC

Assignee(s): (std): JANSEN JOHN ; JANSEN LAB L L C ; JANSEN LAB LLC

Assignee(s): JANSEN LABORATORIES L L C ; JANSEN LABORATORIES LLC

Inventor(s): (std): JANSEN JOHN

Agent(s): MACRAE AND CO

Designated states: AT BE CA CH DE DK ES FI FR GB GR IE IT JP LU MC MX NL PT SE US

85) Family number: 32475170 (US2004001870A)

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Title: SYSTEM FOR TRAPPING FLYING INSECTS WITH ATTRACTANT LURES

Abstract: The present application discloses a system for trapping flying insects, utilizing carbon dioxide in conjunction with one or more biochemical lures, visual lures or both. Preferably, a biochemical lure such as lactic acid, a salt of lactic acid, or combinations thereof, are employed in particular geometric shapes contained in specifically designed housing to ensure an effective release rate over extended periods of time.



Classifications:

International (IPC 8-9): A01M A01M1/02 A01M1/06 A01M1/08 A01M1/10 A01M1/20 A01M31/06 A01M5/00 A01M7/00 A01N A01N1/06 A01N25/00 A01N25/04 A01N25/08 A01N25/10 A01N37/00 A01N37/02 A01N37/36 A01N59/00 A01N59/04 A01P A01P19/00 (Advanced/Invention);
A01M1/02 (Advanced/Non-invention);
A01M1/00 A01M1/02 A01N37/36 A01N59/00 A01P19/00 (Core/Invention);
A01M A01N A01P (Subclass/Invention)

International (IPC 1-7): A01M1/02 A01M1/06 A01M1/14 A01M1/20 A01N25/00 A01N25/04 A01N37/02 A01N37/36

CPC: Y10S514/944 A01M1/08 A01M1/2016 A01M2200/012 A01N37/36 A01M1/02 A01M1/023 A01M1/06

European: A01M1/02 A01M1/02B A01M1/02C A01M1/06 A01M1/08 A01M1/20B A01M1/20B2 A01M1/20C A01M7/00D4 A01N37/36 K01M200/012 K01M201/02

US: 424/405 424/405P 424/409 424/410 424/410P 424/411 424/414 424/484 424/84 43/107 43/107S 43/139 43/2 43/2P 514/557 514/557S 514/772 514/944

Family:

Publication number	Publication date	Application number	Application date
AU2003228932 AA	20031124	AU20030228932	20030508
AU2003228932 BB	20090827	AU20030228932	20030508
AU2005251813 AA	20051222	AU20050251813	20050608
AU2005251813 BB	20120216	AU20050251813	20050608
AU2012202864 AA	20120607	AU20120202864	20120516
AU2012202864 BB	20131024	AU20120202864	20120516
AU2012202864 CA	20140522	AU20120202864	20120516
AU2013237717 AA	20131024	AU20130237717	20131004
BRPI0309938 A	20050628	BR2003PI09938	20030508
BRPI0309938 B1	20140708	BR2003PI09938	20030508
BRPI0511947 A	20080129	BR2005PI11947	20050608
CA2484893 AA	20041022	CA20032484893	20030508
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CA2569737 C	20140121	CA20052569737	20050608
CN100469244 C	20090318	CN20038012961	20030508
CN100563436 C	20091202	CN200580025316	20050608
CN101001522 A	20070718	CN200580025316	20050608
CN101536683 A	20090923	CN200910005493	20030508
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CN1658753 A	20050824	CN20038012961	20030508
EP1501354 A2	20050202	EP20030726709	20030508
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EP1765068 A1	20070328	EP20050759290	20050608
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EP2508068 A2	20121010	EP20120175178	20050608
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HK1107743 A1	20080418	HK20070112912	20071127
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IN04521CN2006 A	20070629	IN2006CN04521	20061208
JP2005524708 T2	20050818	JP20040502716T	20030508
JP2008501366 T2	20080124	JP20070527740T	20050608
JP5444525 B2	20140319	JP20070527740T	20050608

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KR101289863 B1	20130729	KR20077000482	20050608
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KR20070055484 A	20070530	KR20077000482	20050608
KR20120102099 A	20120917	KR20127017230	20050608
MXPA04011060 A1	20050214	MX2004PA11060	20030508
MXPA06014394 A1	20070312	MX2006PA14394	20050608
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US2004001870 AA	20040101	US20030431586	20030508
US2005019361 AA	20050127	US20040864284	20040608
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US2006127436 AA	20060615	US20060350931	20060210
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US2008134570 AA	20080612	US20070979942	20071109
US2012066952 AA	20120322	US20110305543	20111128
US2013025183 AA	20130131	US20120451422	20120419
US7074830 BB	20060711	US20030431586	20030508
US7293387 BB	20071113	US20040862898	20040608
US7536824 BB	20090526	US20060350931	20060210
US7910091 BB	20110322	US20060350908	20060210
US8067469 BB	20111129	US20040864284	20040608
US8470881 BB	20130625	US20110305543	20111128
WO03094611 A2	20031120	WO2003US14458	20030508
WO03094611 A3	20040219	WO2003US14458	20030508
WO05120224 A1	20051222	WO2005US20366	20050608

Priority:

US20020378369 20020508 US20020378369P 20020508 US20030431586 20030508
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US20110305543 20111128 US20120451422 20120419 AU20120202864 20120516
AU20130237717 20131004

Probable Assignee: WOODSTREAM CORP

Assignee(s): (std): CAO MIAO YONG ; DURAND EMMA A ; CAO MIAOYONG ; LIU CUIXIA ; DUNNE RICHARD B ; WOODSTREAM CORP ; AMERICAN BIOPHYSICS CORP ; AMERICAN BIOPHYSICS CORPATION ; WOODSTREAM CORPORATON

Assignee(s): WOODSTREAM SUCCESSOR TO AMERICAN BIOPHYSICS CORP CORP ; ANTARES CAPITAL ADMINISTRATIVE AGENT AS CORP ; ALLIED CAPITAL CORP ; GENERAL ELECTRIC CAPITAL ADMINISTRATIVE AGENT C AS ; GENERAL ELECTRIC CAPITAL ADMINISTRATIVE AGENT CORP AS ; GENERAL ELECTRIC CAPITAL ADMINISTRATIVE AGENT AS CORP ; GENERAL ELECTRIC CAPITAL COLLATERAL AGENT AS CORP ; FI SHOCK INC ; PERKY PET PRODUCTS INC ; SENORET CHEMICAL CO ; FLEET CAPITAL CORP ; RAM OPPORTUNITY FUND I ; RAM OPPORTUNITY FUND I LLC ; SAVAGE JONATHAN N ESQ ; ANTARES CAPITAL CORP ; ANTARES CAPITAL AGENT CORP AS ; ANTARES CAPITAL ADMINISTRATIVE AGENT CORP AS ; CAO MIAOYANG ; ANTARES CAPITAL AGENT AS CORP ; CALIFORNIA PLASTIC PRODUCTS INC ; ARES CAPITAL COLLATERAL AGENT AS CORP

Inventor(s): (std): DUNNE RICHARD B ; DURAND EMMA A ; DURAND EMMA A CAO MIAOYONG LIU ; LIU CUIXIA ; MIAO YONG CAO ; MIAOYANG CAO ; RICHARD B DUNNE ; MIAOYONG CAO ; EMMAN A DURAND ; EMMA A DURAND ; CAO MIAOYONS ; DURAND EMMAN A ; DURAND EMMA ; CAO MIAOYANG ; CAO MIAO YONG ; CAO MIAOYONG ; CUIXIA LIU

Inventor(s): DUNNE RICHARD

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; C BRIAN BARLOW AND ASSOCIATES; RIDOUT AND MAYBEE LLP; GOWAN INTELLECTUAL PROPERTY; BECK GREENER; FREEMAN AVI; CLT PATENT AND TRADEMARK HK LTD; PILLSBURY WINTHROP LLP INTELLECTUAL PROPERTY GROUP; PILLSBURY WINTHROP SHAW PITTMAN LLP; JACOBSON HOLMAN PLLC

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

86) Family number: 31497173 (US2002188057A)

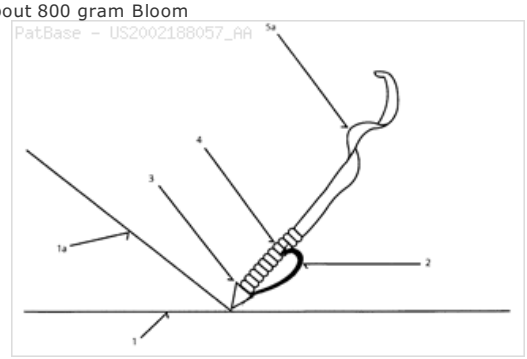
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Title: GELATINOUS ELASTOMER COMPOSITIONS AND ARTICLES FOR USE AS FISHING BAIT

Abstract: A soft gelatinous elastomer composition and article useful as fishing bait formed from one or a mixture of two or more of a poly(styrene-ethylene-butylene-styrene) block copolymer(s) and one or more plasticizers being in sufficient amounts to achieve a gel rigidity of from about 20 gram Bloom to about 800 gram Bloom

Classifications:

International (IPC 8-9): A01K84/00 A01K85/00 A01K85/01 A01K97/04 A01N15/00 A01N25/00 A23L1/00 A23L1/05 A23L1/317 A23L1/325 A23L13/60 A23L17/00 A23L29/20 A46B1/00 A46B9/04 A47C17/00 A47C27/00 A47C7/00 A61B A61B18/20 A61B19/00 A61C15/00 A61C15/04 A61F A61F2/06 A61F2/78 A61F2/80 A61F9/007 A61F9/008 A61K31/70 A61K47/00 A61M5/00 A61M5/158 A63H1/32 A63H27/18 A63H33/18 B01D61/38 B21D26/02 B21D26/055 B21D37/20 B29C67/20 B32B27/00 B32B27/22 B32B27/30 B60K28/00 B60K3/00 B60R21/16 B60R21/26 B60R22/00 B61C15/00 B63B11/04 B63B9/08 B68G11/04 B68G5/00 C08F1/28 C08F175/00 C08F297/04 C08J5/02 C08K3/00 C08K5/01 C08K5/24 C08L1/00 C08L23/16 C08L25/10 C08L51/00 C08L53/00 C08L53/02 C08L53/05 C08L9/00 C09D11/02 C09J153/02 C09J7/02 C10G1/04 C21D8/02 C22C38/42 C22C38/48 C22C38/50 C22C38/54 C22C38/58 G01N33/56 G01N33/57 H02N1/00 H02N2/00 (Advanced/Invention);
A61F2/78 A61M5/31 C08L101/00 (Advanced/Non-invention);
A01K85/00 A01K85/01 A01K97/04 A01N25/00 A23L1/05 A23L1/317 A23L1/325 A47C17/00 A47C27/00 A47C7/00 A61B18/20



A61B19/00 A61C15/00 A61F2/06 A61F2/50 A61F9/007 A61K31/70 A61K47/00 A61M5/00 A61M5/14 A63H1/00 A63H33/00 B01D61/38 B21D26/00 B21D37/20 B29C67/20 B32B27/00 B32B27/22 B32B27/30 B60K28/00 B60K3/00 B60R21/16 B60R21/26 B60R22/00 B63B11/00 B63B9/00 B68G5/00 C08F297/00 C08K3/00 C08K5/00 C08L1/00 C08L23/00 C08L25/00 C08L51/00 C08L53/00 C08L9/00 C09D11/02 C09J153/00 C09J7/02 C10G1/00 C21D8/02 C22C38/42 C22C38/48 C22C38/50 C22C38/54 C22C38/58 G01N33/56 G01N33/57 H02N1/00 H02N2/00 (Core/Invention);
A61F2/50 A61M5/31 C08L101/00 (Core/Non-invention)
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US: 128/112.1 128/113.1 128/117.1 128/206.12 128/206.21 128/408 128/857 132/308 132/321 132/323 132/329 135/68 135/71 135/72 135/82 15/104.002 15/104.2 15/110 15/167.1 15/207.2 15/210.1 15/214 151/40.02 174/137A 174/137B 180/271 2/2.11 2/2.15 2/2.16 2/211 2/215 2/216 2/410 2/411 2/423 2/424 2/428 2/455 2/456 2/457 2/458 2/54 2/69 2/79 204/606 204/607 264/109 264/113 264/122 264/211.13 264/46.4 264/464 264/53 280/728.1 280/728.2 280/740 280/741 280/742 280/742P 297/391 297/392 297/394 297/397 297/411.2 297/423.1 297/DIG.1 297/DIG.4 310/309 310/309P 36/153 36/37 36/43 385/144 424/401 424/401P 424/405 424/405P 424/439 424/439P 424/448 424/84 426/1 426/573 427/162 428/301.4 428/308.4 428/319.3 428/319.7 428/319.9 428/35.2 428/352 428/378 428/401 428/407 428/441 428/462 428/515 428/52 428/521 428/537.1 428/688 43/26.2 43/35 43/42 43/42.24 43/42.26 43/42.32 43/42.33 43/42.34 43/42S 43/43.33 433/216 44/271 441/102 441/102S 442/59 442/62 442/85 442/85P 446/253 446/254 446/34 446/385 446/46 446/48 446/486 446/490 446/491 446/61 446/62 446/66 5/632 5/636 5/640 5/652 5/653 5/654 5/655.5 5/655.9 5/724 5/909 52/447.4 521/139 521/140 521/148 521/50 521/54 523/105 523/113 523/218 523/218S 524/187 524/226 524/232 524/261 524/270 524/271 524/272 524/274 524/275 524/277 524/284 524/313 524/315 524/366 524/375 524/379 524/394 524/399 524/400 524/450 524/474 524/476 524/481 524/484 524/485 524/486 524/487 524/490 524/491 524/505 524/507 524/508 524/513 524/515 524/543 524/543S 524/549 524/571 524/571S 524/575 524/578 524/81 524/98 525/148 525/240 525/240P 525/241 525/314 525/476 525/490 525/505 525/521 525/8 525/89 525/95 525/959 525/98 525/99 56/52 56/559 565/550 57/24 585/833 601/141 602/1 602/41 602/41P 602/61 602/62 602/63 604/262 604/263 604/408 604/410 604/411 606/16 606/16P 606/2 606/2S 623/1.11 623/1.110S 623/11 623/11.11 623/13.12 623/16.11 623/18 623/20 623/20.14 623/21.11 623/23.4 623/23.41 623/23.58 623/27 623/33 623/36 623/37 623/59 623/61 623/63 623/8 66/171 66/178R 66/184 66/185 66/187 701/45 72/60 72/63 72/709 76/107.1
Locarno class: 24/58

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Probable Assignee: APPLIED ELASTOMERICS INC

Assignee(s): (std)**:** APPLIED ELASTOMERICS INC ; BOEING CO ; CHEN JOHN Y ; TOPCON CORP

Assignee(s): TOPCON KK ; THE BOEING COMPANY ; TOPCON 75 1 HASUNUMA CHO ITABASHI KU TOKYO KK ; KABUSHIKI KAISHA TOPCON ; PATENT AND LICENSE OFFICE ; ALLIED ELASTOMERICS INC

Inventor(s): (std): CHEN JOHN YOUNGFU ; CHEN JOHN YOUNG FU ; SANDERS DANIEL G ; WATARU OYAGI ; SAGEHASHI HIDEO ; OYAGI WATARU ; NOMURA KAZUHISA ; NEMOTO IORI ; KAZUHISA NOMURA ; IORI MOTOGI ; CHEN JOHN Y

Inventor(s): JOHN Y CHEN ; MOTOGI IORI ; CHEN JOHN ; OOYAGI WATARU

Agent(s): GOWLING LAFLEUR HENDERSON LLP; LUNG TIN INT PATENT AND TRADEMARK AGENT LTD ROOM 1512 15 F WEST; APPLIED ELASTOMERICS INC; ARMSTRONG KRATZ QUINTOS HANSON AND BROOKS LLP; JOHN Y CHEN APPLIED ELASTOMERICS INC

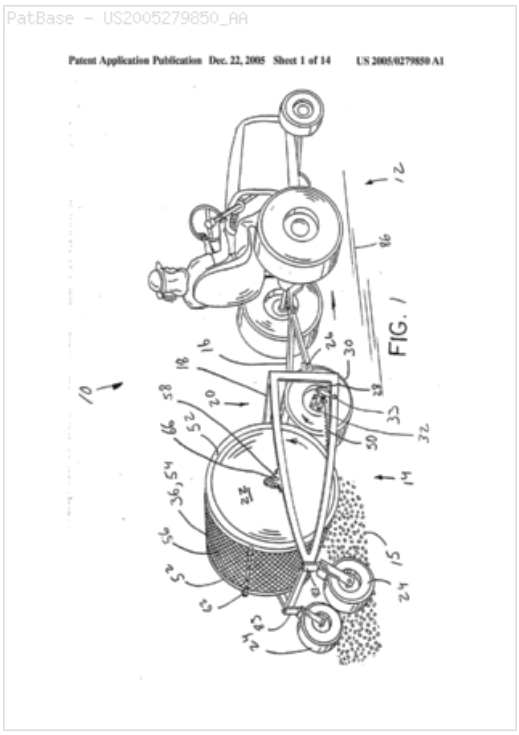
Designated states: AT AU BE BR CA CH CN CZ DE DK ES FI FR GB GE GR HU IE IT JP KR LU MC NL NO NZ PL PT RO RU SE US VN

87) Family number: 32507181 (US2005279850A)

Title: MATERIAL AND/OR MANURE SHREDDER/SPREADER

Abstract: A spreader for spreading an agricultural material which includes a frame and a rotatable porous container connected to the frame.

Classifications:
International (IPC 8-9): A01C3/06 B05D1/00 (Advanced/Invention); A01C3/00 B05D1/00 (Core/Invention)
International (IPC 1-7): B05D1/00
CPC: A01C3/06
European: A01C3/06
US: 239/1 239/689



Family:

Publication number	Publication date	Application number	Application date
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Priority:
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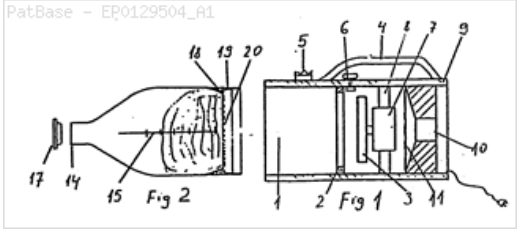
Probable Assignee: STABLER LINDA M
Assignee(s): (std): STABLER LINDA M ; STABLER MICHAEL L
Inventor(s): (std): STABLER LINDA M ; STABLER MICHAEL L
Agent(s): TAYLOR AND AUST PC

88) Family number: 3889184 (EP0129504A1)

Title: Device for catching hymenoptrous insects, especially bees, and for stocking copulation boxes with bees.

Abstract: The very flexible bodies of bees and hymenopterous insects make it possible for them to be aspirated into a container by means of a fan and then blown into the desired hive, or aspirated directly into a copulation box. Once the bees are in a container, they can be used for various purposes. The output of the fan can be regulated.

Classifications:
International (IPC 8-9): A01K57/00 A01M1/06 (Advanced/Invention)
International (IPC 1-7): A01K49/00 A01K57/00 A01M1/06
CPC: A01K57/00 A01M1/06 A01M2200/012
European: A01K57/00 A01M1/06 K01M200/012 K01M201/02



Family:

Publication number	Publication date	Application number	Application date
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EP0129504 A1	19841227	EP19840810191	19840418

Priority:

CH19830002140 19830421

Probable Assignee: FERENC REIDER

Assignee(s): (std)**:** FERENC REIDER ; REIDER FERENC

Inventor(s): (std)**:** REIDER FERENC

Designated states: AT BE CH DE FR GB IT LI LU NL SE

89) Family number: 66906187 (WO17151549A1)

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Title: INSECT REPELLENT

Abstract: In one aspect, this invention relates to pest repellent compositions comprising a fatty acid and an anthranilate ester. In another aspect, this invention relates to a method of repelling pests employing such composition. In another aspect, this invention relates to products formulated from such composition.

Classifications:

International (IPC 8-9): A01M29/12 A01N25/02 A01N25/24 A01N25/30 A01N25/34 A01N37/06 A01N37/44 A01P17/00 A47G9/00 A61K8/31 A61K8/34 A61K8/36 A61K8/365 A61K8/44 A61K8/55 A61L9/012 A61Q17/02 A61Q19/00 A61Q5/00 C11D1/04 C11D17/00 C11D3/20 C11D3/48 D06M13/188 D06M13/224 (Advanced/Invention)

International (IPC 1-7): A01N37/06 A01N37/44

CPC: A01N37/44 A01M1/20 A01M1/2061 A01M1/2094 A01N25/24 A01N25/30 A01N37/06 A47G9/0207 A61K8/31 A61Q17/02 C11D3/48 A01N2300/00 A47G2009/001 A61L9/012 A61L2209/21 Y10S424/10

Family:

Publication number	Publication date	Application number	Application date
AU2017227529 AA	20180906	AU20170227529	20170228
BR112018067437 A2	20190102	BR20181167437	20170228
CA3015881 AA	20180827	CA20173015881	20170228
CN109068644 A	20181221	CN201780026503	20170228
CR20180409 A	20190103	CR20180000409	20170228
DOP2018000188 A	20181130	DO20180000188	20180827
EP3422853 A1	20190109	EP20170760571	20170228
ID201901045 A	20190208	ID2018P0006567	20170228
IN201817031460 A	20181228	IN201817031460	20180822
JP2019510748 T2	20190418	JP20180545273T	20170228
KR20180120211 A	20181105	KR20187027967	20170228
MX2018010433 A1	20181109	MX20180010433	20170228
SG11201806991X A1	20180927	SG20181106991	20170228
WO17151549 A1	20170908	WO2017US19832	20170228

Priority:

US20160301364P 20160229 WO2017US19832 20170228

Probable Assignee: FMC CORP

Assignee(s): (std)**:** FMC CORP

Assignee(s): RICHMAN DINA L ; ALBRIGHT ROBERT B ; BLACK BRUCE C ; CALDWELL NATHAN D

Inventor(s): (std)**:** RICHMAN DINA L ; BLACK BRUCE C ; ALBRIGHT ROBERT B ; CALDWELL NATHAN D ; ALBRIGHT ROBERT ; CALDWELL NATHAN ; BLACK BRUCE ; RICHMAN DINA ; ROBERT B ALBRIGHT ; DINA L RICHMAN ; BRUCE C BLACK ; NATHAN D CALDWELL

Agent(s): WATERMARK INTELLECTUAL PROPERTY PTY LTD; SMART AND BIGGAR; MURGITROYD AND CO; ANDROMEDA BA SH; VICKREY DAVID H 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 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

90) Family number: 51936187 (US2014303013A)

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Title: METHODS OF DIAGNOSING AND TREATING VASCULAR ASSOCIATED MACULOPATHY AND SYMPTOMS THEREOF

Abstract: Disclosed herein are methods and compositions for the diagnosis and treatment of Vascular Associated Maculopathy, or a symptom thereof, in a subject. Disclosed herein are methods and compositions for the diagnosis and treatment of one or more symptoms associated with Vascular Associated Maculopathy Disclosed in a subject. Disclosed herein are methods and compositions for the diagnosis and treatment of severe maculopathy or last stage maculopathy in a subject. Disclosed herein are methods and compositions for the diagnosis and treatment of resolving aberrant choriocapillaris lobules in a subject.

Classifications:

International (IPC 8-9): A01K67/027 A61B10/00 A61B3/10 A61K31/015 A61K31/02 A61K31/045 A61K31/198 A61K31/225 A61K31/44 A61K31/4422 A61K38/00 A61K38/06 A61K38/07 A61K38/08 A61K38/17 A61K38/48 A61K38/55 A61K38/57 A61K45/00 A61K49/00 A61P27/02 A61P43/00 C12N15/09 C12N15/11 C12Q C12Q1/00 C12Q1/68 C12Q1/6827 C12Q1/6858 C12Q1/6883 C40B30/00 G01N33/15 G01N33/483 (Advanced/Invention); C07K7/08 C12N15/09 C12N9/50 C12N9/99 (Advanced/Non-invention)

CPC: A61K38/07 A61K38/06 A61K31/225 A61K31/015 A61K31/4422 A61K38/005 C12Q1/6883 A61K38/1709 A61K38/08 A61K38/55 C12N15/11 C12Q2600/118 A01K2217/052 A01K2227/105 A01K2267/03 C12Q2600/112 C12Q2600/156

European: C12Q1/68M6 M12Q600/156

US: 435/6.11 506/9 514/21.2 514/21.8 514/21.9 514/352 514/355

PatBase - US2014303013 AA

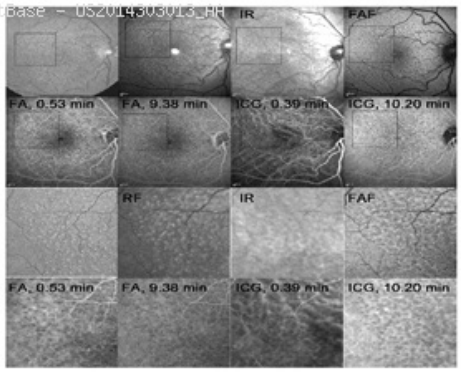


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
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AU2012229070 AA	20120920	AU20120229070	20120315
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AU2017279757 AA	20180125	AU20170279757	20171221
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CA2830403 AA	20130916	CA20122830403	20120315
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CN103562408 A	20140205	CN201280023358	20120315
CN103841991 A	20140604	CN201280023668	20120315
CN103841991 B	20180327	CN201280023668	20120315
EP2686007 A2	20140122	EP20120757910	20120315
EP2686007 A4	20150401	EP20120757910	20120315
EP2686007 B1	20190424	EP20120757910	20120315
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HK1194770 A1	20141024	HK20140108008	20140805
IN08861DN2013 A	20160610	IN2013DN08861	20131011
IN08863DN2013 A	20160624	IN2013DN08863	20131011
JP2014510526 T2	20140501	JP20130558190T	20120315
JP2014515012 T2	20140626	JP20130558191T	20120315
KR20140024321 A	20140228	KR20137027179	20120315
KR20140026410 A	20140305	KR20137027180	20120315
RU2013145890 A	20150420	RU20130145890	20120315
RU2013145892 A	20150420	RU20130145892	20120315
SG193499 A1	20131030	SG20130069810	20120315
SG193500 A1	20131030	SG20130069828	20120315
US2014303013 AA	20141009	US20120005226	20120315
US2014323413 AA	20141030	US20120005231	20120315
US2018296637 AA	20181018	US20170803282	20171103
WO12125869 A1	20120920	WO2012US29299	20120315
WO12125872 A2	20120920	WO2012US29303	20120315
WO12125872 A3	20130110	WO2012US29303	20120315

Priority:

US20110452950P 20110315
AU20120229070 20120315
WO2012US29299 20120315
US20160232395 20160809
US20110452944P 20110315
US20120005226 20120315
US20120005231 20120315
US20170803282 20171103
US20110452964P 20110315
WO2012US29303 20120315
US20140005226 20140613
AU20170279757 20171221

Probable Assignee: UNIVERISTY OF UTAH RESEARCH FOUNDATION

Assignee(s): (std): FLECKENSTEIN MONIKA ; FU YINGBIN ; GUYMER ROBIN ; HAAS PAULINA ; HAAS PULINA ; UNIV UTAH RES FOUND ; HAGEMAN GREGORY ; SILVESTRI GIULIANA ; PAPPAS CHRISTIAN MATTHEW ; HAGEMAN GREGORY S ; UNIV OF UTAH RESEARCH FOUNDATION

Assignee(s): UNIVERSITY OF UTAH RESEARCH FOUNDATION ; UTAH RESEARCH FOUNDATION UNIV ; OF UTAH UNIV ; UNIVERISTY OF UTAH RESEARCH FOUNDATION ; NATIONAL INSTITUTES OF HEALTH NIH US DEPT OF HEALTH AND HUMAN SERVICES DHHS US GOVERNMENT ; OF UTAH RESEARCH FOUNDATION UNIV

Inventor(s): (std): HAGEMAN GREGORY S ; HAAS PAULINA ; PAPPAS CHRISTIAN MATTHEW ; GUYMER ROBIN ; FLECKENSTEIN MONIKA ; SILVESTRI GIULIANA ; HAAS PULINA ; HAGEMAN GREGORY ; FU YINGBIN ; HASS PULINA

Inventor(s): GIULIANA SILVESTRI ; ROBIN GUYMER ; GREGORY HAGEMAN ; PULINA HAAS ; MONIKA FLECKENSTEIN ; CHRISTIAN MATTHEW PAPPAS

Agent(s): GRIFFITH HACK; BERESKIN AND PARR LLP SENCRL SRL; STORZ ULRICH; MICHALSKI HUETTERMANN AND PARTNER PATENTANWAELTE MBB; MICHALSKI HUETTERMANN AND PARTNER PATENTANWAELTE; CHINA PATENT AGENT HK LTD; YAMASAKI KAZUO; HAKODA ATSUSHI; ICHIKAWA SATSUKI; KUMAKURA YOSHIO; ASAI KENJI; BECKER BRUCE H ET AL

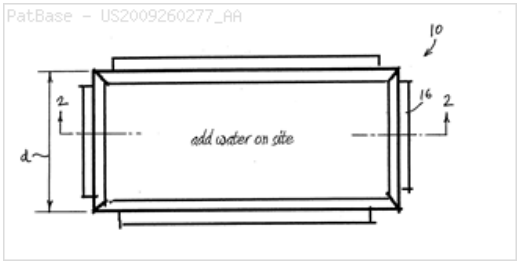
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91) Family number: 44119188 (US2009260277A)

Title: DEVICE FOR INTERRUPTING A MOSQUITOS GESTATION CYCLE

Abstract: A device for interrupting the gestating cycle of a mosquito includes a container having a bottom wall and side walls. A generally porous sheet of material is placed over the upper opening thus formed in the container by securing it to the periphery of the container. Double sided tape, mechanical clips, etc. may be used to attach the porous material to the periphery of the container to cover the open area. The porous sheet of material is farametis and contains apertures that are small enough to prevent an adult mosquito from passing through it but yet allow evaporation of water placed into the container and water molecules through the apertures. A sticky substance is placed on the outer surface of the porous sheet. Water is evaporated from the container and water molecules are released through the apertures into the atmosphere above the porous sheet. Gestating mosquito's are attracted to the device and attempt to enter the container to lay there eggs in the water within the container but can not. Instead, the mosquitoes are immobilized on the surface of the porous material when retained by contact with a sticky substance and prevent it from laying eggs in the container or any other body of water. This breaks the reproductive cycle of the mosquito.

Classifications:
International (IPC 8-9): A01M1/10 A01M1/14 (Advanced/Invention); A01M1/00 (Core/Invention)
CPC: Y02A50/371 A01M1/02 A01M1/14
European: A01M1/02 A01M1/14
US: 43/107 43/107S 43/114 43/114P 43/121



Family:

Publication number	Publication date	Application number	Application date
CR10720 A	20090723	CR20090010720	20090416
US2009260277 AA	20091022	US20080104090	20080416
US8181384 BB	20120522	US20080104090	20080416

Priority:
US20080104090 20080416

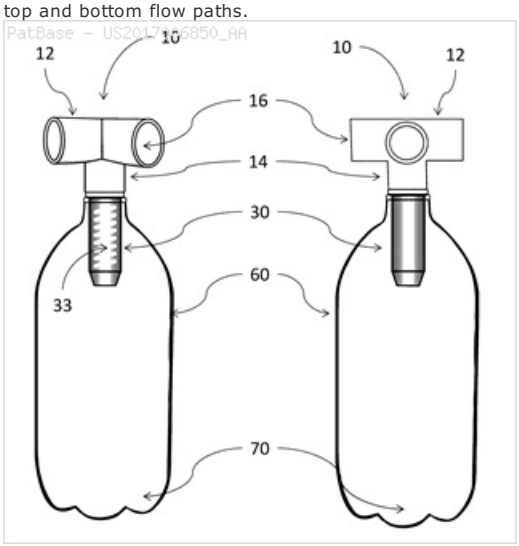
Probable Assignee: LEBOST BARRY
Assignee(s): (std): BARRY LEBOST ; LEBOST BARRY
Inventor(s): (std): LEBOST BARRY ; BARRY LEBOST
Agent(s): LACKENBACH SIEGEL LLP; MYRON

92) Family number: 64626189 (US2017006850A)

Title: APPARATUS FOR TRAPPING INSECTS

Abstract: An apparatus for trapping insects having a trap body comprising at least one top channel having at least two opposed openings, the at least one top channel forming a top flow path through which air may freely flow, and a bottom channel arranged transverse to the top channel and having a first opening in fluid communication with the top flow path and a second opening opposing the first opening, said bottom channel forming a bottom flow path through which air may freely flow, wherein the trap body is configured to be operatively connected to at least one container, the at least one container configured to hold a bait for insects, and having at least one container opening configured to engage with the bottom channel such that the at least one container is in fluid communication with the top and bottom flow paths.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01M1/12 A01M1/14 (Advanced/Invention)
CPC: A01M1/14 A01M1/02 A01M1/106 A01M1/12
US: 43/114 43/122



Family:

Publication number	Publication date	Application number	Application date
US2017006850 AA	20170112	US20150794649	20150708
US2017006851 AA	20170112	US20150859998	20150921

Priority:
US20150794649 20150708 US20150859998 20150921

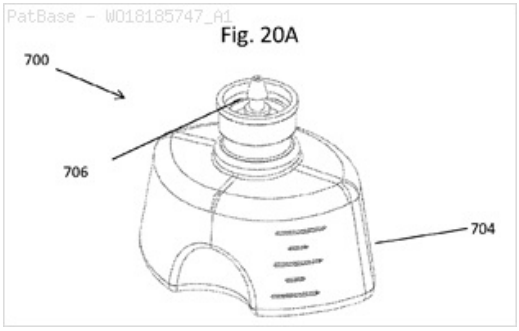
Probable Assignee: COMBINED DISTRIBUTORS INC
Assignee(s): (std): COMBINED DISTRIBUTORS INC
Inventor(s): (std): DOMAN MORRIS

93) Family number: 71450189 (WO18185747A1)

Title: A DEVICE FOR SLOW RELEASE OF FLUIDS IN A UNIFORM MANNER

Abstract: A device for continuous release of a fluid at a near-optimum rate, the device including:a reservoir, having dimensions such that the fluid disposed in the reservoir is held in a shape having a height to a width ratio whereby the width is greater than the height; a flow-rate regulator adapted to regulate fluid release rate of the fluid exiting the reservoir via the flow-rate regulator.

Classifications:
International (IPC 8-9): A01G25/00 B65D83/00 (Advanced/Invention)
CPC: A01G25/00 B65D83/00



Family:

Publication number	Publication date	Application number	Application date
WO18185747 A1	20181011	WO2018IL50371	20180329

Priority:

US20170480457P 20170402

Probable Assignee: BIOFEED ENV FRIENDLY PEST CONTROL LTD

Assignee(s): (std): BIOFEED ENV FRIENDLY PEST CONTROL LTD

Assignee(s): BIOFEED ENVIRONMENTALLY FRIENDLY PEST CONTROL LTD

Inventor(s): (std): ISRAELY NIMROD ; MINDAL ENRIQUE

Agent(s): FRIEDMAN MARK

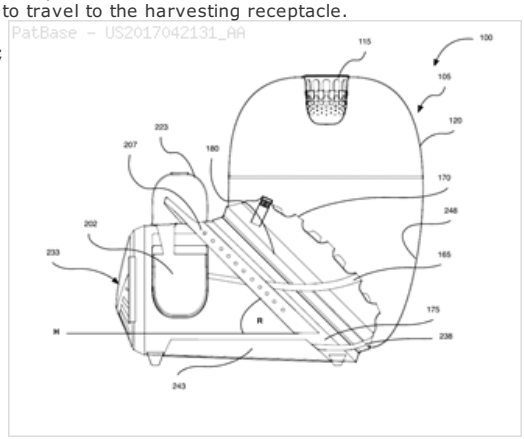
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94) Family number: 61387196 (US2017042131A)

Title: SYSTEM AND METHOD FOR BREEDING AND HARVESTING INSECTS

Abstract: In an aspect, a system for breeding and harvesting insects is provided and includes an egg-producing chamber structure configured to receive insect pupae for pupation and to permit emerged adult insects to mate and oviposit insect eggs, at least one oviposition region in the egg-producing chamber structure configured to receive the insect eggs and apertured to permit at least one of the insect eggs and neonates of the insect eggs to pass therethrough, at least one larvae-growth chamber in communication with the at least one oviposition region so as to be configured to receive the at least one of the insect eggs and neonates of the insect eggs, wherein the larvae-growth chamber is further configured to permit the at least one of the insect eggs and neonates of the insect eggs to transition into larvae and to hold feed material for the larvae, a harvesting receptacle positioned to hold larvae, and an inclined surface positioned to receive larvae from the at least one larvae-growth chamber, and to provide a passageway for the larvae to travel to the harvesting receptacle.

Classifications:
International (IPC 8-9): A01K67/00 A01K67/033 (Advanced/Invention); A01K29/00 (Advanced/Non-invention)
CPC: A01K67/033 A01K29/00
US: 119/6.6



Family:

Publication number	Publication date	Application number	Application date
US2017042131 AA	20170216	US20160339900	20161031
US2017231205 AA	20170817	US20170586101	20170503
US9642344 BB	20170509	US20160339900	20161031
US10010060 BB	20180703	US20170586101	20170503
WO16005296 A1	20160114	WO2015EP65274	20150705

Priority:

US20140021111P 20140705 WO2015EP65274 20150705 US20150249187P 20151031

US20160339900 20161031 US20170586101 20170503

Probable Assignee: LIVIN FARMS LTD

Assignee(s): (std): LIVIN FARMS LTD ; UNGER KATHARINA

Assignee(s): LIVING FARMS LTD

Inventor(s): (std): UNGER KATHARINA ; KAISINGER JULIA

Agent(s): MILLMAN IP INC; SPENGLER ROBERT

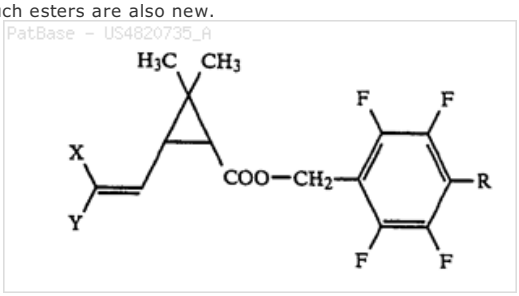
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95) Family number: 2855196 (US4820735A)

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Title: Vinylcyclopropanecarboxylic acid esters

Abstract: Novel insecticidally and acaridally active vinylcyclopropanecarboxylic acid esters of the formula in which R represents alkylthio, alkylsulphinyl, alkylsulphonyl, amino, monoalkylamino or dialkylamino, and wherein X and Y either simultaneously represent halogen or X and Y simultaneously represent alkyl, or in which X represents CF3, Y represents Cl and, R simultaneously represents methylmercapto. The alcohols of such esters are also new.



Classifications:

International (IPC 8-9): A01N53/00 A01N53/06 B02C21/00 B03B9/06 B09B1/00 B09B3/00 B30B11/00 B30B13/00 B30B15/30 C02F11/12 C02F11/16 C03B18/06 C07B61/00 C07C209/10 C07C211/52 C07C213/00 C07C213/06 C07C215/68 C07C219/32 C07C313/00 C07C315/00 C07C315/04 C07C317/14 C07C317/22 C07C319/14 C07C319/20 C07C323/09 C07C323/19 C07C67/00 C10L5/00 C10L5/40 C10L5/44 C10L5/46 C10L5/48 H01R13/02 H01R13/646 H01R13/6467 H01R13/658 H01R13/71 H01R13/719 H01R24/64 (Advanced/Invention);
B09B3/00 C02F11/12 C07B61/00 C07C213/00 C07C313/00 C07C315/00 C07C67/00 (Advanced/Non-invention);
A01N53/00 B03B9/00 B09B1/00 B09B3/00 B30B11/00 B30B13/00 C02F11/12 C02F11/16 C03B18/00 C07B61/00 C07C209/00 C07C211/00 C07C213/00 C07C215/00 C07C219/00 C07C313/00 C07C315/00 C07C317/00 C07C319/00 C07C323/00 C07C67/00 C10L5/00 C10L5/40 H01R13/00 H01R13/02 H01R13/658 H01R13/71 H01R13/719 (Core/Invention);
B03B C10L (Subclass/Invention)

International (IPC 1-7): A01N/A A01N29/00 A01N31/14 A01N33/06 A01N41/10 A01N53/00 A01N53/06 B02C21/00 B03B9/06 B08B3/00 B09B1/00 B09B3/00 B30B11/00 B30B13/00 B30B15/30 C02F11/12 C02F11/16 C03B18/02 C03B18/06 C03B5/00 C07B61/00 C07C145/00 C07C147/00 C07C147/06 C07C147/10 C07C147/14 C07C148/00 C07C149/00 C07C149/14 C07C149/32 C07C149/34 C07C149/36 C07C149/40 C07C209/10 C07C211/00 C07C211/48 C07C211/52 C07C213/06 C07C215/00 C07C215/68 C07C219/32 C07C315/00 C07C315/04 C07C317/14 C07C317/22 C07C319/00 C07C319/14 C07C319/20 C07C321/28 C07C323/00 C07C323/09 C07C323/10 C07C323/18 C07C323/19 C07C323/62 C07C61/04 C07C69/74 C07C69/743 C07C87/60 C07C87/62 C07C91/40 C07C93/00 C07C93/26 C07CA C10L5/00 C10L5/40 C10L5/44 C10L5/46 C10L5/48 C10L9/00 G09B1/00 H01R13/02 H01R13/646 H01R13/658 H01R13/658 H01R13/719 H01R23/00 H01R23/02 H01R23/10 H01R23/10

CPC: C10L5/46 Y02E50/10 Y02E50/30 C03B18/06 Y10S439/941 H01R24/64 H01R13/6467 A01N53/00

European: 124BG5C4 124CA7C3C A01N53/00 C03B18/06 C10L5/46 H01R23/00B H01R23/02B Y02E50/10 Y02E50/30

US: 439/676 439/941 514/531 560/124

Family:

Publication number	Publication date	Application number	Application date
AR242782 A1	19930531	AR19860303549	19860402
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AT68815 E	19911115	AT19870102081T	19870213
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AU199062250 A1	19901206	AU19900062250	19900907
AU592082 B2	19900104	AU19860056341	19860417
AU605761 B2	19910124	AU19870070991	19870402
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BRPI8601715 A	19861216	BR1986PI01715	19860417
BRPI8702020 A	19880209	BR1987PI02020	19870427
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CN1007241 B	19900321	CN19851006139	19850814
CN1013861 B	19910911	CN19861002323	19860410
CN85106139 A	19860310	CN19851006139	19850814
CN86102323 A	19861203	CN19861002323	19860410
CN87103419 A	19871202	CN19871003419	19870510
CS258478 B2	19880816	CS19860002758	19860415
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Priority:

FR19840015155 19841003
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Probable Assignee: NORDEX CDT

Assignee(s): (std): BAYER AG ; ORGAN FASER TECH CO NV ; NAUMANN KLAUS ; ORGAN FASER TECHNOLOGY CO ; NORDX CDT INC ; ORG FUAAZERU TECHNOL CO NV ; SAINT GOBAIN VITRAGE

Assignee(s): STENDEL WILHELM ; RED HAWK CDT INC (NETWORK ESSENTIALS INC) ; RED HAWK CDT INC NETWORK ESSENTIALS INC ; TENNECAST CDT INC (THE TENNECAST COMPANY) ; TENNECAST CDT INC THE TENNECAST COMPANY ; TREMBLAY EDMOND ; ORGAN FASER TECHNOLOGY CO NV NL ; ORGAN FASER TECHNOLOGY CO NV ; ORGAN FASER TECHNOLOGY CO N V CURACAO AN ; ORGAN FASER TECHNOLOGY CO N V NL ; ORGAN FASER TECHNOLOGY COMPANY N V NL ; HOMEYER BERNHARD ; DEFLANDRE YVES ; LORD BRENDA ; MILETTE LUC ; X MARK CDT INC ; THERMAX CDT INC ; TENNECAST CDT INC ; SAINT GOBAIN VITRAGE SA ; NORDX CDT ; NORDEX CDT ; FLEET NATIONAL BANK ; MUSIKANTOW GOMBRICH SUZANNE ; MOLECULAR DIAGNOSTICS INC ; NORDX CDT CORP ; NORDX CDT IP CORP ; RED HAWK CDT INC ; ORGAN FASER TECHNOLOGY COMPANY N V ; ORGAN FASER TECHNOLOGY CO N V ; CABLE DESIGN TECHNOLOGIES CORP ; CABLE DESIGN TECHNOLOGIES INC ; CDT INT ; DEARBORN CDT INC ; BAYER AKTIENGESELLSCHAFT ; BAYER AKTIENGESELLSCHAFT CS ; BAYER AG DE ; BECKER BENEDIKT ; BEHRENZ WOLFGANG ; BRADEN RUDOLF ; CDT INT HOLDINGS INC ; BAYER CS AG ; A W IND ; A W IND INC ; AW IND ; AW IND INC ; BAYER A G

Inventor(s): (std): BERNHARD HOMEYER DR ; BENEDIKT BECKER DR ; HOMEYER DR BERNHARD ; FREI JOSEF ; HOMEYER BERNHARD ; BRADEN RUDOLPH ; FREI JOSEPH ; BRADEN RUDOLPH DR ; HOMEYER B ; DEFLANDRE YVES ; DR NAUMANN KLAUS ; DR BRADEN RUDOLF ; DR BEHREN WOLFGANG ; DR BECKER BENEDIKT ; DR HOMEYER BERNHARD ; DR STENDEL WILHELM ; HOMEYER BERNHARD DR ; ANDRE MONSIEUR PIERRE ; ANDRE PIERRE ; BCKER DR BENEDIKT ; BECKER B ; BECKER BENEDICT ; BEHRENZ DR WOLFGAN ; BEHRENZ WOLFGANG ; BECKER BENEDIKT ; BEHRENZ WOLFGAN ; BEHRENZ W ; BECKER BENEDIKT DR ; BRADEN DR RUDOLF ; BRADEN RUDOLF ; BRADEN R ; BRADEN RUDOLF DR ; BEHRENZ WOLFGANG DR ; BERUNHARUTO HOMAIYAA ; BENEDEIKUTO BETSUKAA ; BORUFUGANGU BEERENTSU ; BIRUHERUMU SHIYUTENDERU ; BENEDIKT BECKER ; BERNHARD HOMEYER ; FREI J ; NEUMANN KLAUS ; NAUMANN DR KLAUS ; STENDEL DR WILHELM ; NAUMANN KLAUS ; STENDEL WILHELM ; PIERRE ANDRE ; NAUMANN K ; STENDEL W ; NAUMENN KLAUS ; TREMBLAY EDMOND ; LORD BRENDA ; MILETTE LUC ; NAUMANN KLAUS DR ; STENDEL WILHELM DR ; RUDORUFU BURAADEN ; KURAUSU NAUMAN ; RUDOLPH BRADEN ; WILHELM STENDEL ; KLAUSE NAUMANN ; WOLFGANG BEHRENZ ; RUDOLF BRADEN ; KLAUS NAUMANN ; WILHELM STENDEL DR ; RUDOLF BRADEN DR ; KLAUS NAUMANN DR ; WOLFGANG BEHREN DR

Inventor(s): KLAUS NAUMENN ; JOSEF FREI ; YOZEFU FURAI ; NAUMANN KLAUS DE ; STENDEL WILHELM DE ; NAUMANN KLAUS DR DE ; STENDEL WILHELM DR CS ; JOSEPH FREI ; YVES DEFLANDRE ; LUC MILETTE ; MONSIEUR PIERRE ANDRE ; WOLFGAN BEHRENZ ; KLAUS NEUMANN ; BEHRENZ WOLFGANG DE ; BRADEN RUDOLF DE ; BEHRENZ WOLFGANG DR CS ; BECKER BENEDIKT DE ; BECKER BENEDIKT DR CS ; ET AL ; DR BENEDIKT BECKER ; DR WOLFGANG BEHRENZ ; DR BERNHARD HOMEYER ; DR WOLFGAN BEHRENZ ; DR RUDOLF BRADEN ; DR KLAUS NAUMANN ; DR WILHELM STENDEL ; DR BENEDIKT BCKER ; BRENDA LORD ; EDMOND TREMBLAY ; FREI JOSEF CH 5422 OBEREHRENDINGEN CH ; HOMEYER BERNHARD DE ; HOMEYER BERNHARD DR CS ; BRADEN RUDOLF DR CS ; FREI JOSEF CH

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; PHILLIPS ORMONDE FITZPATRICK; FETHERSTONHAUGH AND CO; GOUDREAU GAGE DUBUC; LAVERY DE BILLY LLP; REINHOLD COHN AND PARTNERS

Designated states: AT BE CH DE ES FR GB GR IT LI LU NL SE

96) Family number: 59381205 (PH2013000352A)

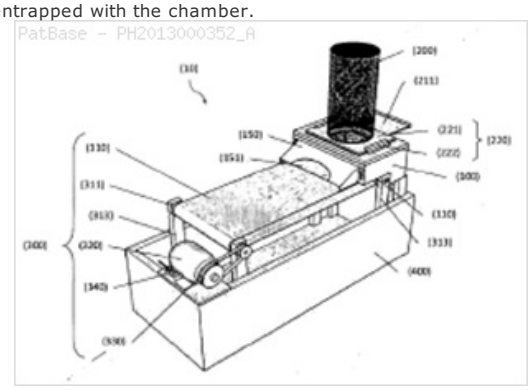
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Title: INSECT SNARE WITH CONVEYOR BELT SYSTEM

Abstract: The invention pertains to an insect trap, particularly for house flies, essentially containing a chamber with an opening and a conveyor disposed in proximity thereto, for transporting the insects into the said chamber via the opening. Mounted on the opening is a chute disposed about the upper section thereof, and a plurality of disrupting elements disposed at the lower section opposite thereto. a portion of one end of the conveyor is partially hooded by the chute while the plurality of disrupting elements is juxtaposed to the conveyor end portion. Bait, preferably liquid, is spread on the surface of the conveyor belt which is subsequently made to rotate towards the chamber. An insect attracted thereto is transported through the conveyor. Upon reaching the end section of the conveyor near the chamber, the insect is disturbed by the disrupting elements causing them to fly away from the conveyor belt and get entrapped with the chamber.

Classifications:

International (IPC 8-9): A01M1/10 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
PH2013000352 A	20150601	PH20130000352	20131122

Priority:

PH20130000352 20131122

Probable Assignee: BURGOS JOSE S JR

Assignee(s): (std): BURGOS JOSE S JR

Assignee(s): JOSE S BURGOS JR

Inventor(s): (std): BURGOS JOSE S JR

Inventor(s): JOSE S BURGOS JR

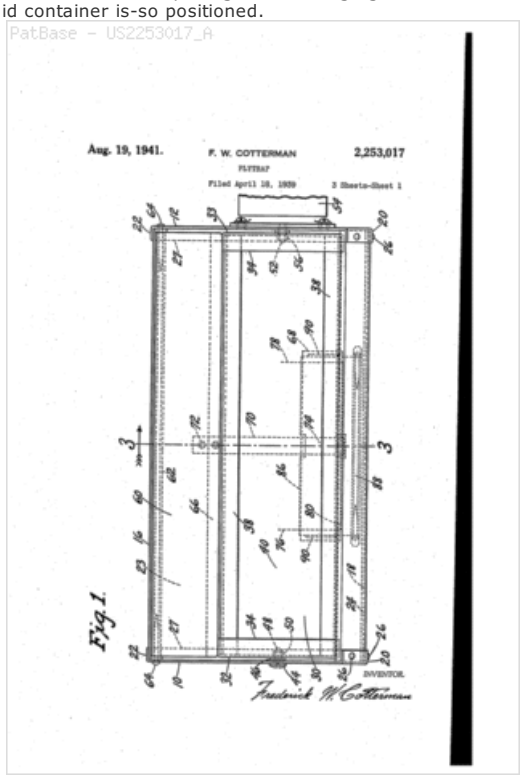
Agent(s): OLIVER D SEMBLANTE

97) Family number: 21600207 (US2253017A)

Title: FLYTRAP

Abstract: 1. The combination of an insect trapping means comprisinga receptacle having a chamber with an elongated exit opening and means to 'cntrap insects in said chamber, with a sanitary renewable disposal means in the form of a container of cardboard or the like, completely sealed except for a self closing flap in one wall thereof, means to hold said container positioned with said Hap alongside said exit-opening, means extending from said-receptacle thru said exit ,opening and pressing on one edge of saidudap to sold it Oven only so long as~said container is held so positioned, a-self closing door over the exit opening, land -propping »zneans~eXtending from said door thru saidexit opening and- resting against said container beyond said ilap to hold said 'door openonly so~long..as said container is-so positioned.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/00
CPC: A01M1/02 A01M1/106 A01M2200/012
European: A01M1/02 A01M1/10 A01M1/10F K01M200/012 K01M201/02
US: 43/111



Family:

Publication number	Publication date	Application number	Application date
US2253017 A	19410819	US19390268614	19390418

Priority:
US19390268614 19390418

Probable Assignee: BESSIE D APPLE
Assignee(s): (std): BESSIE D APPLE
Inventor(s): (std): COTTERMAN FREDERICK W

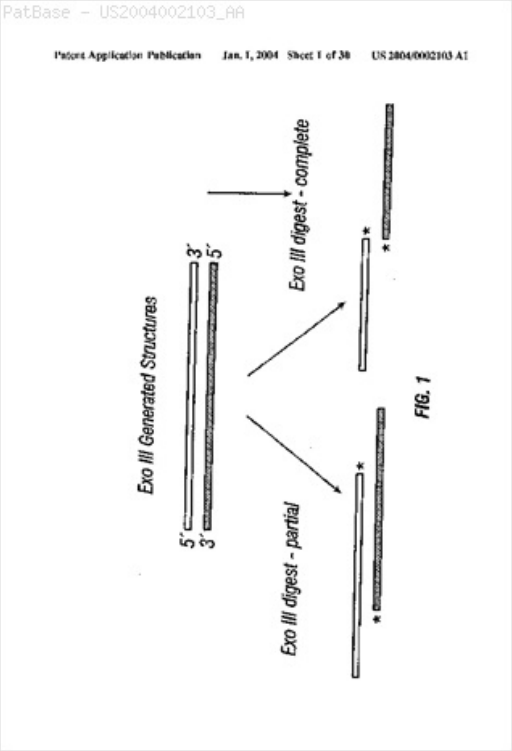
98) Family number: 31986210 (US2004002103A)

Title: SYNTHETIC LIGATION REASSEMBLY IN DIRECTED EVOLUTION

Abstract: Harvesting the full richness of biodiversity is instantly recognized by Diversa Corporation as a powerful means to access both novel molecules having direct commercial utility as well as molecular templates that could be retooled to acquire commercial utility. A directed evolution process for rapid and facilitated production from a progenitor polynucleotide template, of a library of mutagenized progeny polynucleotides wherein each of the 20 naturally encoded amino acids is encoded at each original codon position. This method, termed site-saturation mutagenesis, or simply saturation mutagenesis, is preferably based on the use of the degenerate N,N,G/T sequence. Also, a method of non-stochastically producing a library of chimeric nucleic acid molecules having an overall assembly order that is chosen by design. Accordingly, a set of progenitor templates, such as genes (e.g. a family of esterase genes) or genes pathways (e.g. encoding antibiotics) can be shuffled to generate a sizable library of distinct progeny polynucleotide molecules (e.g. 10<100>) and correspondingly encoded polypeptides. Screening of these polynucleotide libraries enables the identification of a desirable molecular species that has a desirable property, such as a specific enzymatic activity serviceable for a commercial application, or a novel antibiotic. Also, a method of retooling genes and gene pathways by the introduction of regulatory sequences, such as promoters, that are operable in an intended host, thus conferring operability to a novel gene pathway when it is introduced into an intended host. For example a novel man-made gene pathway, generated based on microbially-derived progenitor templates, that is operable in a plant cell.

Classifications:
International (IPC 8-9): A01H1/00 A01K67/00 A01K67/027 A61K38/00 A61K39/00 A61K39/39 A61K48/00 A61P33/06 C07K14/445 C12N1/15 C12N1/19 C12N1/21 C12N15/00 C12N15/01 C12N15/09 C12N15/10 C12N15/11 C12N15/82 C12N5/10 C12N9/14 C12P21/02 C12P21/06 C12Q1/02 C12Q1/68 C40B30/00 C40B40/02 C40B50/06 C40B60/12 G01N27/447 G01N27/62 G01N30/88 G01N33/15 G01N33/483 G01N33/50 G01N33/53 G01N33/534 G01N33/566 G01N33/58 G01N33/68 G01N37/00 (Advanced/Invention); A01H1/00 A01K67/027 (Advanced/Non-invention); A01H1/00 A01K67/027 C12N15/00 C12N15/09 C12N15/10 C12N15/82 C12Q1/02 C12Q1/68 C40B30/00 C40B40/02 C40B50/06 C40B60/12 G01N27/447 G01N27/62 G01N30/00 G01N33/483 G01N33/53 G01N33/534 G01N33/566 G01N33/58 G01N33/68

G01N37/00 (Core/Invention);
C12N (Subclass/Invention)
International (IPC 1-7): A01H1/00 A01K67/00 A01K67/027 C07H21/04 C12N1/18 C12N1/21 C12N15/00 C12N15/09 C12N15/10 C12N15/11 C12N15/74 C12N15/82 C12P19/34 C12P21/06 C12Q1/02 C12Q1/68 G01N27/447 G01N27/62 G01N30/88 G01N33/48 G01N33/483 G01N33/50 G01N33/53 G01N33/566 G01N33/574 G01N33/58 G01N33/68 G01N37/00 G06F19/00
CPC: G01N33/6818 C12N15/1089 A61K39/00 A61K2039/53 C07K14/445 C12N9/14 C12N15/1034 C12N15/102 C12N15/1027 C12N15/1058 C12N15/8241 G01N33/534 G01N33/6848 G01N2800/52
European: C07K14/445 C12N15/10B C12N15/10B2 C12N15/10C C12N15/10C16 C12N15/10C7 C12N15/82C C12N9/14 G01N33/534 G01N33/68A12 G01N33/68A4 K61K39/00 K61K39/53 M07K207/00 M12N205/00 M12N207/00 S01N800/52
US: 435/252.3 435/254.2 435/471 435/6 435/6.1 435/6.100S 435/6.12 435/6.120P 435/6.16 435/6.160S 435/69.1 435/6P 435/7.23 435/7.230P 435/91.2 435/91.200S 506/1 506/17 536/23.1 536/23.100S 702/19 702/19S



Family:

Publication number	Publication date	Application number	Application date
AU2001266978 AA	20011224	AU20010266978	20010614
AU2002211402 AA	20020415	AU20020211402	20011001
CA2413022 AA	20021213	CA20012413022	20010614
CA2424178 AA	20030328	CA20012424178	20011001
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JP2004536553 T2	20041209	JP20020532602T	20011001
US2004002103 AA	20040101	US20030422523	20030424
US2004077090 AA	20040422	US20030383798	20030306
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US6605449 BA	20030812	US20000594459	20000614
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WO0196551 A2	20011220	WO2001US19367	20010614
WO0196551 A3	20020523	WO2001US19367	20010614
WO0229032 A2	20020411	WO2001US31004	20011001
WO0229032 A3	20040304	WO2001US31004	20011001

Priority:

US19990332835 19990614
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Probable Assignee: BP PLC

Assignee(s): (std): DIVERSA CORP ; FU PENGCHENG ; SHORT JAY M ; LEVIN MICHAEL ; LATTERICH MARTIN ; WEI JING

Assignee(s): VERENIUM CORP ; DIVERSA CORP SAN DIEGO ; BP NORTH AMERICA INC CORP ; BP PLC

Inventor(s): (std): FU PENGCHENG ; LATTERICH MARTIN ; WEI JING ; LEVIN MICHAEL ; SHORT M ; SHORT JAY M

Inventor(s): JAY M SHORT ; PENGCHENG FU ; MARTIN LATTERICH ; JING WEI ; MICHAEL LEVIN

Agent(s): FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; HERBERT SMITH FREEHILLS; FPA PATENT ATTORNEYS PTY LTD; GOWLING LAFLEUR HENDERSON LLP; MBM INTELLECTUAL PROPERTY LAW LLP; FISH AND RICHARDSON PC; JANE M; HALE AND DORR 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 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

99) Family number: 23136210 (US6546668B)

Title: BAIT STATION FOR FLYING INSECTS

Abstract: A bait station designed to be deployed in an agricultural environment to exterminate flying insects such as fruit flies. The bait station consists of a plurality of shells each providing wall and roof sections. A hinge is provided to pivotable couple the shells together. A locking mechanism is used to lock the shells in a deployment mode. The locking mechanism can include a tab and slot arrangement. There are a plurality of holes on the bait station to disperse the attractant of the bait and attract flying sections. The bottom of the bait station is open assisting in the dissipation of the bait and to enable the flying

insect to easily enter the bait station within having to walk through a small hole. An awning extends a sloped roof laterally past the outer wall to keep water and other debris away from the venting holes. A bait holder, containing bait, engages with the wall of the bait station. Flying insects digest the bait and die. The bait station also has a loop on its roof to facilitate deployment of the bait station. These bait stations are designed to be shipped and stored in an open and stacked formation, both to minimize space and costs.

Classifications:
International (IPC 8-9): A01M1/20 (Advanced/Invention); A01M1/20 (Core/Invention)
International (IPC 1-7): A01M1/20
CPC: A01M1/2005 A01M1/2016 A01M2200/012
European: A01M1/02B A01M1/20B A01M1/20B2 A01M1/20C K01M200/012 K01M201/02
US: 43/107 43/122 43/131

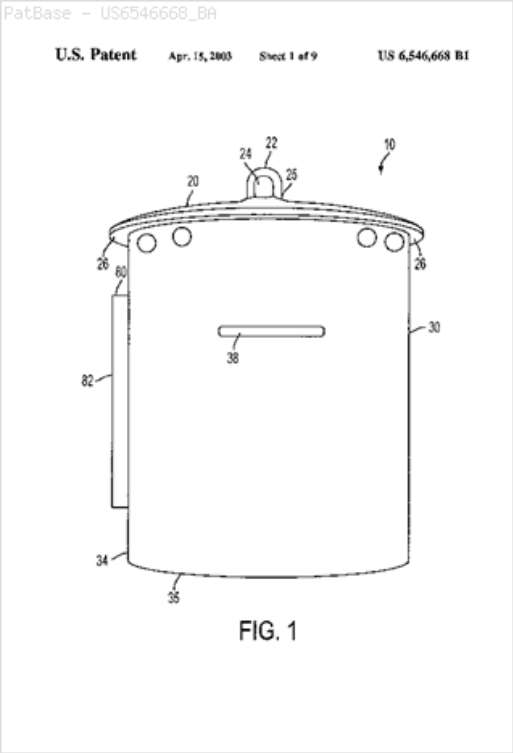


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
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US6546668 BA	20030415	US20000717094	20001122
WO0241695 A1	20020530	WO2001US43254	20011121

Priority:
US20000717094 20001122 WO2001US43254 20011121

Probable Assignee: INVICTA LTD

Assignee(s): (std): INVICTA LTD

Inventor(s): (std): BALL WILLIAM L ; GARVEY PATRICK

Inventor(s): PATRICK GARVEY ; WILLIAM L BALL

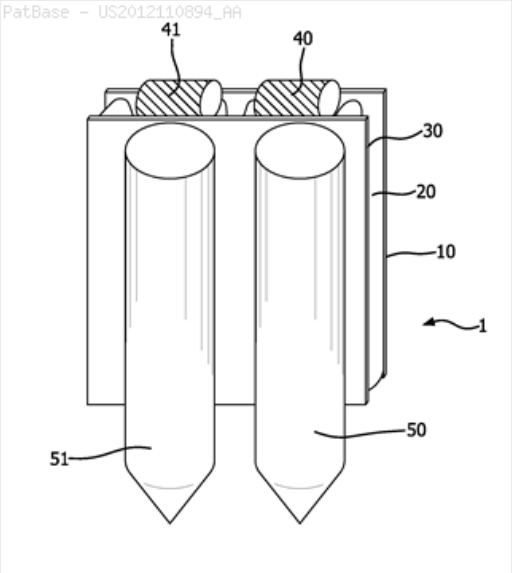
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100) Family number: 51065213 (US2012110894A)

Title: BED BUG MONITOR DEVICE FOR VERTICAL SURFACES

Abstract: A bed bug monitor and/or capture device includes a housing defining a substantially enclosed interior space and a deadfall trap; a harborage element mounted adjacent the deadfall trap that defines at least one pathway through which bed bugs can travel; at least one bed bug attractant element positioned within the interior space of the housing; and at least one opening defined in at least one wall of the housing at a location either on or adjacent the deadfall trap and/or the harborage element, wherein fumes emanating from the bed bug attractant element can escape through the at least one opening to a location outside of the device in order to lure bed bugs toward the deadfall trap and the harborage element.

Classifications:
International (IPC 8-9): A01M A01M1/00 A01M1/02 A01M1/10 A01N A01N31/02 A01P A01P19/00 (Advanced/Invention); A01M1/02 A01N31/02 (Core/Invention)
CPC: Y02A50/374 A01M1/103 A01M1/026
European: A01M1/02E A01M1/10C
US: 43/123 43/123P 43/131 43/131S



Family:

Publication number	Publication date	Application number	Application date
AU2011326729 AA	20120518	AU20110326729	20111005
BR112013010914 A2	20160802	BR20131110914	20111005
CA2815476 AA	20130422	CA20112815476	20111005
CN103338633 A	20131002	CN201180052163	20111005
CR20130189 A	20130903	CR20130000189	20130430
EP2637496 A1	20130918	EP20110840697	20111005
HK1187492 A1	20140411	HK20140100695	20140122
IN03575DN2013 A	20160415	IN2013DN03575	20130422
JP2013544514 T2	20131219	JP20130537677T	20111005
KR20130122739 A	20131108	KR20137011211	20111005
MX2013005053 A1	20130628	MX20130005053	20111005
NZ609620 A	20131220	NZ20110609620	20111005
SG189879 A1	20130628	SG20130027321	20111005
TH130211 A	20131211	TH20131002338	20111005
US2012110894 AA	20120510	US20110253160	20111005
WO12064426 A1	20120518	WO2011US54853	20111005

Priority:

US20100411016P 20101108 US20110253160 20111005 WO2011US54853 20111005

Probable Assignee: FMC CORP

Assignee(s): (std): BLACK BRUCE C ; ENGRAM MICHAEL J ; FMC CORP ; FOSTER JERRY V ; JACKSON DAVID NELSON ; KNIGHT ERICA ; SHETH SHREYA ; WOODRUFF KEITH F ; VARANYAK LINDA A ; MUNTNER DONALD ; PRUITT JOSEPH ; MCNEELY JAMES NOAH ; RIENDL AMELIE H ; VARANYAK LINDA ; MUNTNER DONALD A

Assignee(s): SEMICONDUCTOR MFG INT (SHANGHAI) CORP ; SEMICONDUCTOR MFG INT SHANGHAI CORP

Inventor(s): (std): KNIGHT ERICA ; VARANYAK LINDA ; MUNTNER DONALD A ; FOSTER JERRY V ; SHETH SHREYA ; WOODRUFF KEITH F ; ENGRAM MICHAEL J ; BLACK BRUCE C ; PRUITT JOSEPH ; MCNEELY JAMES NOAH ; RIENDL AMELIE H ; JACKSON DAVID NELSON ; VARANYAK LINDA A ; MUNTNER DONALD

Inventor(s): JOSEPH PRUITT ; JERRY V FOSTER ; AMELIE H RIENDL ; KEITH F WOODRUFF ; BRUCE C BLACK ; DAVID NELSON JACKSON ; LINDA A VARANYAK ; JAMES NOAH MCNEELY ; DONALD MUNTNER ; ERICA KNIGHT ; MICHAEL J ENGRAM ; SHREYA SHETH

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; SMART AND BIGGAR; EARNSHAW GEOFFREY MARK; SHANGHAI INTELLECTUAL PROPERTY OFFICE; PINTZUK MARCIA D 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 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 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

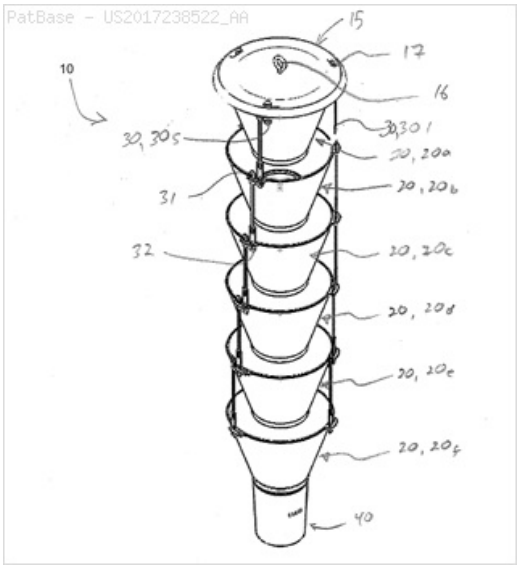
101) Family number: 66712214 (US2017238522A)

© PatBase

Title: INSECT TRAP ASSEMBLY

Abstract: An insect trap assembly comprises a collection cup having a circumferential side wall, a bottom and an open flared top. The open flared top has a flared surface and a flared end outside diameter. The assembly further comprises at least one funnel for guiding any insects into the collection cup. The funnel has a top opening inside diameter and a bottom opening inside diameter. The flared end outside diameter of the collection cup is smaller than the funnel's top opening inside diameter, but it is greater than the funnel's bottom opening inside diameter. This allows the collection cup to be positioned within the funnel in a capture arrangement. The insect trap assembly may also be provided with a plurality of spoked panel support members so as to allow the insect trap assembly to support a plurality of panels in combination with the at least one funnel.

Classifications:
International (IPC 8-9): A01M1/10 (Advanced/Invention)
CPC: A01M1/103 A01M1/106



Family:

Publication number	Publication date	Application number	Application date
US2017238522 AA	20170824	US20170437433	20170220

Priority:

US20160297689P 20160219 US20170437433 20170220

Probable Assignee: SYNERGY SEMIOCHEMICALS CORP

Assignee(s): (std)**:** SYNERGY SEMIOCHEMICALS CORP

Inventor(s): (std)**:** WAKARCHUK DAVID

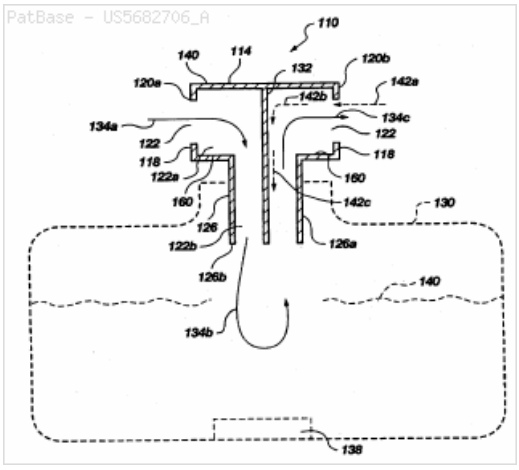
102) Family number: 13288220 (US5682706A)

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Title: Flying insect trap

Abstract: A flying insect trap consists of a housing having a plurality of channels, wherein each channel has a horizontal portion and a vertical portion. The channels are typically formed by a center wall which divides the housing into generally equal portions, thereby forming the channels. In accordance with one aspect of the invention, the center/common wall is continuous and generally vertical so that insects contacting the wall will fall into the generally vertical portion of the channel. The housing nests with a container which is used to store bait and to capture the flying insects once they have passed through the housing.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/10
CPC: A01M1/02 A01M1/106 A01M2200/012
European: A01M1/02 A01M1/02B A01M1/10 A01M1/10F K01M200/012 K01M201/02
US: 43/107 43/122



Family:

Publication number	Publication date	Application number	Application date
US5682706 A	19971104	US19950557854	19951114

Priority:

US19950557854 19951114

Probable Assignee: FARNAM COMPANIES INC

Assignee(s): ALTENBURG CHARLES ; ALTENBURG CHARLES L ; ENTECH INC ; FARNAM COMPANIES INC ; SUNTRUST BANK ADMINISTRATIVE AGENT AS

Inventor(s): (std)**:** ALTENBURG CHARLES

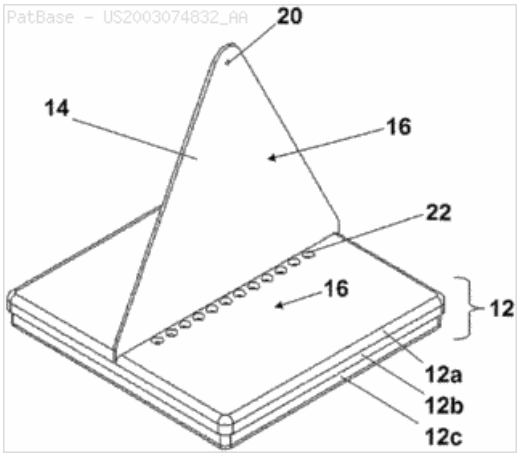
103) Family number: 28626222 (US2003074832A)

© PatBase

Title: REPLENISHABLE PEST CONTROL APPARATUS

Abstract: A replenishable pest control apparatus includes a housing having at least one component, such as a surface or shelf, treated with a residual pesticide and at least one other component treated with or configured to contain, an attractant. Each of the components is configured to be replenished by re-treating the component with an appropriate attractant and/or pesticide, by refilling a reservoir, by replacing a depleted component with a pretreated component, or a combination thereof. The attractant is not required to be toxic, and may comprise any appropriate/desired attractant, such as a food source, an odor attractant, a visual attractant, an acoustic attractant, a pheromone, or a combination thereof. The pesticide may be any appropriate/desired pesticide for the type of pest to be controlled.

Classifications:
International (IPC 8-9): A01M1/20 (Advanced/Invention); A01M1/20 (Core/Invention)
International (IPC 1-7): A01M1/00 A01M19/00
CPC: A01M1/2005 A01M1/2011 A01M1/2016 A01M2200/011 A01M2200/012
European: A01M1/20B A01M1/20B1 A01M1/20B2 A01M1/20C K01M200/011 K01M200/012 K01M201/01 K01M201/02
US: 43/124 43/124P 43/131



Family:

Publication number	Publication date	Application number	Application date
US2003074832 AA	20030424	US20020273479	20021018
US6792713 BB	20040921	US20020273479	20021018

Priority:
US20010343787P 20011019 US20020273479 20021018

Probable Assignee: M AND T BANK

Assignee(s): (std): B AND G EQUIPMENT COMPANY

Assignee(s): GLAS TRUST CORP LTD ; M AND T BANK ; SNELL ERIC J ; B AND G ACQ CORP ; B AND G EQUIPMENT CO ; B AND G EQUIPMENT CO INC ; B AND G EQUIPMENT CO INC F K A B AND G ACQ CORP

Inventor(s): (std): SNELL ERIC J

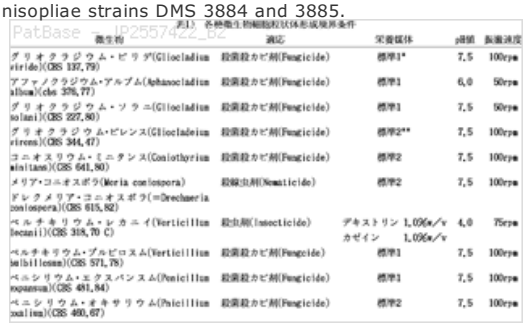
104) Family number: 2923223 (US5418164A)

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Title: SELF-SUPPORTING CARRIER-FREE CELL GRANULATES FOR COMBATING PESTS AND TREATING PLANTS

Abstract: An agent for combating pests and for protecting plants comprising a carrier-free cell granulate of a microorganism which is suitable for combating pests or for plant treatment such as fungi or bacteria which are capable of mycelium formation, e.g. Deuteromycetes and Metarhizium including the new anisopliae strains DMS 3884 and 3885.

Classifications:
International (IPC 8-9): A01N63/00 A01N63/04 C12N1/04 C12N1/14 (Advanced/Invention); C12N1/14 (Advanced/Non-invention)
International (IPC 1-7): A01N25/12 A01N63/00 A01N63/04 C12N1/02 C12N1/04 C12N1/14 C12N3/00 C12R1/66 C12R1/77 C12R1/80 C12R1/885
CPC: Y10S435/911 C12R1/645 A01N63/00 A01N63/04 C12N1/04
European: A01N63/00 A01N63/04 C12N1/04 C12R1/645
US: 424/93.5 435/254.1 435/261 435/911



微生物	適応	栄養媒体	pH値	振盪速度
グリオクラジウム・ビリデ(Gliocladium viride)(CBS 137, 79)	殺菌殺カビ剤(Fungicide)	標準1*	7.5	100rpm
アファノクラジウム・アルブム(Aphanocladium album)(cbs 376, 77)	殺菌殺カビ剤(Fungicide)	標準1	6.0	50rpm
グリオクラジウム・ソラニ(Gliocladium solani)(CBS 227.80)	殺菌殺カビ剤(Fungicide)	標準1	7.5	50rpm
グリオクラジウム・ビレンス(Gliocladeium virens)(CBS 344, 47)	殺菌殺カビ剤(Fungicide)	標準2**	7.5	100rpm
コニオスリウム・ミニタンス(Coniothyrium minitans)(CBS 641, 80)	殺菌殺カビ剤(Fungicide)	標準2	7.5	100rpm
メリア・コルオスポラ(Meria coniospora)	殺線虫剤(Nematicide)	標準2	7.5	100rpm
ドレクメリア・コニオスポラ(=Drechmeria coniospora)(CBS 615, 82)				
ベルチキリウム・レカニイ(Verticillium lecanii)(CBS 318, 70 C)	殺虫剤(Insecticide)	デキストリン 1.0%w/v カゼイン 1.0%w/v	4.0	75rpm
ベルチキリウム・ブルビロスム(Verticillium bulbillosum)(CBS 571, 78)	殺菌殺カビ剤(Fungicide)	標準1	7.5	100rpm
ペニシリウム・エクスパンスム(Penicillium expansum)(CBS 481, 84)	殺菌殺カビ剤(Fungicide)	標準1	7.5	100rpm
ペニシリウム・オキサリウム(Paicillium oxalicum)(CBS 460, 67)	殺菌殺カビ剤(Fungicide)	標準2	7.5	100rpm

Family:

Publication number	Publication date	Application number	Application date
AU198781386 A1	19880526	AU19870081386	19871119
AU607166 B2	19910228	AU19870081386	19871119
BRPI8706263 A	19880621	BR1987PI06263	19871120
CA1335659 A1	19950523	CA19870552202	19871119
DD298876 A5	19920319	DD19870309167	19871118
DE3639504 A1	19880601	DE19863639504	19861120
DE3764926 D1	19901018	DE19873764926	19871109
DK175125 B1	20040607	DK19870006078	19871119
DK607887 A	19880521	DK19870006078	19871119
DK607887 A0	19871119	DK19870006078	19871119
EP0268177 A2	19880525	EP19870116508	19871109
EP0268177 A3	19880810	EP19870116508	19871109
EP0268177 B1	19900912	EP19870116508	19871109
IL84510 A1	19920621	IL19870084510	19871117
JP2557422 B2	19961127	JP19870287586	19871116
JP63135308 A2	19880607	JP19870287586	19871116
US5418164 A	19950523	US19930042893	19930405
ZA8708652 A	19880518	ZA19870008652	19871119

Priority:

DE19863639504 19861120 DE19873764926 19871109 US19870119751 19871112
CA19870552202 19871119 US19900463927 19900108 US19910730159 19910715
US19930042893 19930405

Probable Assignee: NOVOZYMES INC

Assignee(s): (std)**:** BAYER AG

Assignee(s): BAYER AKTIENGESELLSCHAFT ; BAYER AKTIENGESELLSCHAFT DE ; NOVOZYMES A S ; HARTWIG JURGEN ; STENZEL KLAUS ; HOMEYER BERNHARD ; BAYER DE AG ; NOVOZYMES INC ; ANDERSCH WOLFRAM ; BAYER A G

Inventor(s): (std)**:** STENZEL KLAUS DR ; HOMEYER BERNHARD DR ; HARTWIG JUERGEN DR ; ANDERSCH WOLFRAM DR ; KURAUSU SHIYUTENTSUERU ; BERUNHARUTO HOMAIYAA ; BORUFURAMU ANDERUSHIYU ; YURUGEN HARUTOBITSUHI ; HARTWIG JUERGEN ; HOMEYEER BERNHARD ; HARTWIG JURGEN DR ; STENZEL KLAUS ; HOMEYER BERNHARD ; HARTWIG JURGEN ; ANDERSCH WOLFRAM

Inventor(s): BERNHARD HOMEYEER ; JUERGEN HARTWIG ; KURAUSU SHUTENTSUERU ; BORUFURAMU ANDERUSHU ; ANDERSCH WOLFRAM DE ; HOMEYER BERNHARD DE ; HARTWIG JUERGEN DE ; STENZEL KLAUS DE ; JURGEN HARTWIG ; BERNHARD HOMEYER ; KLAUS STENZEL ; WOLFRAM ANDERSCH ; ANDERSCH DR WOLFRAM D 5000 KOELN DE ; STENZEL DR KLAUS D 4000 DUESSELDORF 13 DE ; HARTWIG DR JUERGEN ; HOMEYER DR BERNHARD D 5090 LEVERKUSEN 3 DE

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; FETHERSTONHAUGH AND CO; REINHOLD COHN AND PARTNERS

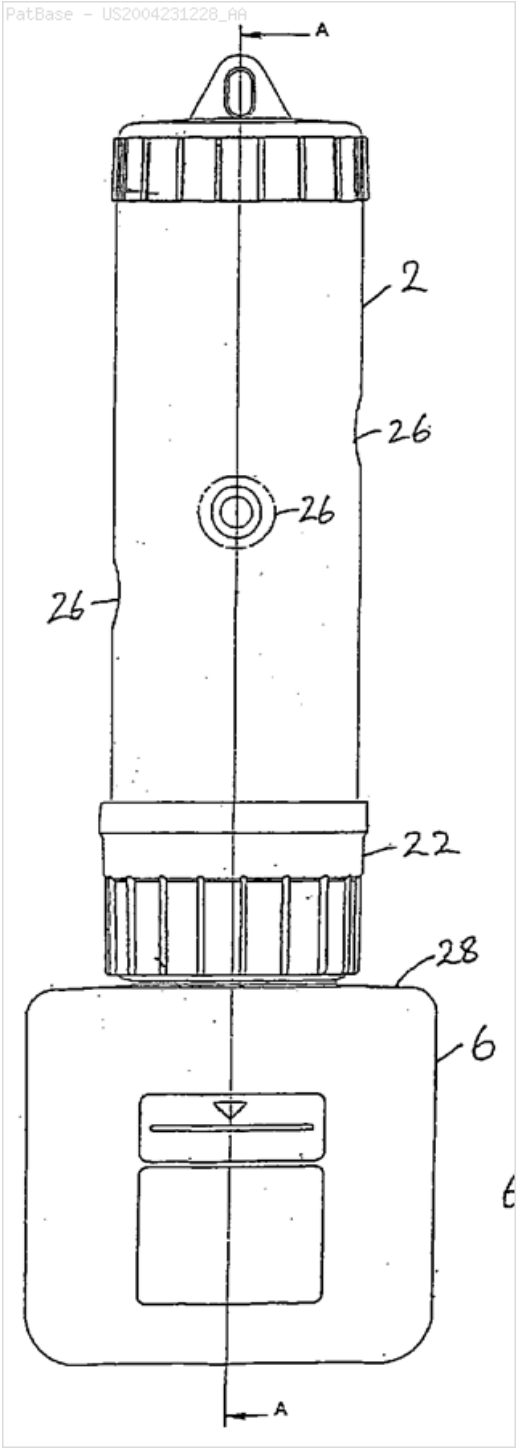
Designated states: BE CH DE FR GB IT LI NL SE

105) Family number: 32219225 (US2004231228A) © PatBase

Title: TRAP AND METHOD FOR TRAPPING FLYING INSECTS

Abstract: A trap for insects, particularly for wasps, comprises a vapour chamber having at least one insect entrance defined in a wall of the vapour chamber, and a bait or collection chamber couplable to the vapour chamber at a restriction. The restriction is sized to control the movement of insects between these two chambers. In operation, attractant vapour from a bait source accumulates in the vapour chamber and is released through the entrance. Insects attracted by the attractant vapour enter the vapour chamber and are maintained in flight within it, the restriction delaying their entry into the collection chamber. Once tired, insects drop down into the collection chamber where, in a preferred embodiment, they are immersed in a fluid and drowned.

Classifications:
International (IPC 8-9): A01M1/00 A01M1/02 A01M1/10 A01M1/20 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M A01M1/00 A01M1/02 A01M1/10 A01M1/20 B65D51/00
CPC: A01M1/02 A01M1/106 A01M2200/012
European: A01M1/02 A01M1/02B A01M1/10 A01M1/10F A01M1/20C K01M200/012 K01M201/02
US: 43/107 43/107P 43/122 43/133



Family:

Publication number	Publication date	Application number	Application date
AT408984 E	20081015	AT20020727791T	20020613
AU2002257988 AA	20030102	AU20020257988	20020613
AU2002257988 BB	20080228	AU20020257988	20020613
CA2449685 AA	20031204	CA20022449685	20020613
CA2449685 C	20091215	CA20022449685	20020613
DE60229056 D1	20081106	DE20026029056	20020613
DK1399017 T3	20081215	DK20020727791T	20020613
EP1399017 A2	20040324	EP20020727791	20020613
EP1399017 B1	20080924	EP20020727791	20020613
EP2005823 A2	20081224	EP20080016684	20020613
EP2005823 A3	20140702	EP20080016684	20020613
ES2311603 T3	20090216	ES20020727791T	20020613
GB200114492 A0	20010808	GB20010014492	20010614
GB200205511 A0	20020424	GB20020005511	20020308
GB200507792 A0	20050525	GB20050007792	20010614
GB200512395 A0	20050727	GB20050012395	20010614
GB2376619 A1	20021224	GB20010014492	20010614
GB2376619 B2	20051130	GB20010014492	20010614
GB2386115 A1	20030910	GB20020005511	20020308
GB2386115 B2	20051228	GB20020005511	20020308
GB2412052 A1	20050921	GB20050007792	20010614

GB2412052 B2	20051130	GB20050007792	20010614
GB2412052 C	20051130	GB20050007792	20010614
GB2412052 C	20100825	GB20050007792	20010614
GB2412053 A1	20050921	GB20050012395	20010614
GB2412053 B2	20060125	GB20050012395	20010614
IN02116DN2003 A	20060120	IN2003DN02116	20031205
IN251486 B	20120323	IN2003DN02116	20031205
NZ529897 A	20060526	NZ20020529897	20020613
NZ545554 A	20060630	NZ20020545554	20020613
PT1399017 T	20081205	PT20020727791T	20020613
US2004231228 AA	20041125	US20040480161	20040607
US8356444 BB	20130122	US20020480161	20020613
WO02102145 A2	20021227	WO2002GB02759	20020613
WO02102145 A3	20030313	WO2002GB02759	20020613
ZA200309502 A	20040817	ZA20030009502	20031208

Priority:

GB20010014492 20010614 GB20020005511 20020308 EP20020727791 20020613
WO2002GB02759 20020613 NZ20020529897 20020613

Probable Assignee: ENTERPRISE CRADLE LTD

Assignee(s): (std): ENTPR CRADLE LTD ; ENTPR CRADLE LTD THE ; ENTPR CRADLE THE LTD ; PAZIK EDWARD ; PAZIK KAROL ; THE ENTERPRISE CRADLE LIMITED

Assignee(s): ENTERPRISE CRADLE LTD ; ENTERPRISE CRADLE THE LIMITED ; THE ENTERPRISE CRADLE LTD

Inventor(s): (std): PAZIK KAROL ; PAZIK EDWARD

Inventor(s): KAROL PAZIK ; EDWARD PAZIK

Agent(s): SHELSTON IP PTY LTD; SHELSTON IP; GOWLING LAFLEUR HENDERSON LLP; GOODMAN SIMON JOHN NYE; BATES ALAN DOUGLAS HENRY

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

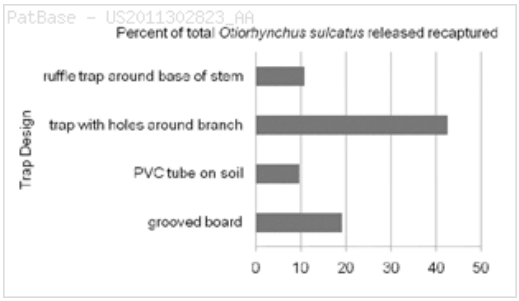
106) Family number: 50099225 (US2011302823A)

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Title: ATTRACTANT COMPOSITIONS FOR WEEVILS OF THE GENUS OTIORHYNCHUS AND USES THEREOF

Abstract: The present invention relates to formulations of volatile organic compounds having effects on Otiorhynchus weevils e.g., Otiorhynchus sulcatus. In some embodiments, volatile organic compounds selected from (E)-2-hexenol, (Z)-2-pentenol, methyl eugenol and a combination thereof are effective for attracting Otiorhynchus weevils. The invention also relates to traps and particularly to a "weevil trap" combined with any one or more of the disclosed volatile organic compounds selected from (E)-2-hexenol, (Z)-2-pentenol, methyl eugenol, and light which are effective for monitoring and controlling Otiorhynchus weevils.

Classifications:
International (IPC 8-9): A01M1/10 A01N25/18 A01N31/02 A01N31/08 A01N31/16 A01P19/00 C07C33/025 C07C43/205 C12N5/04 (Advanced/Invention)
CPC: A01N31/16 A01N31/02 A01N25/18 C07C33/025 C07C43/215 Y02A40/166
European: A01N25/18 A01N31/02 C07C33/025 C07C43/215
US: 424/84 424/84S 43/107 43/107P 568/650 568/650S 568/909.5 568/909.500S



Family:

Publication number	Publication date	Application number	Application date
CA2801732 AA	20121205	CA20112801732	20110610
CA2801732 C	20190219	CA20112801732	20110610
DK2580318 T3	20181203	DK20110793275T	20110610
EP2580318 A1	20130417	EP20110793275	20110610
EP2580318 A4	20140514	EP20110793275	20110610
EP2580318 B1	20180829	EP20110793275	20110610
PL2580318 T3	20190329	PL20110793275T	20110610
US2011302823 AA	20111215	US20110157944	20110610
US2017099836 AA	20170413	US20160388265	20161222
WO11156762 A1	20111215	WO2011US40054	20110610
WO11156762 A8	20120315	WO2011US40054	20110610

Priority:

US20100353568P 20100610 EP20110793275 20110610 US20110157944 20110610
WO2011US40054 20110610 US20160388265 20161222

Probable Assignee: STICHTING WAGENINGEN RESEARCH

Assignee(s): (std): BRUCK DENNY J ; GRIEPINK FRANS C ; STECHTING DIENST LANDBOUWKUNDIG ONDERZOEK ; STICHTING DIENST LANDBOUWKUNDI ; STICHTING DIENST LANDBOUWKUNDIG ONDERZOEK ; STICHTING WAGENINGEN RES ; US AGRICULTURE ; VAN TOL ROBERT W H M ; US OF AMERICA AS REPRESENTED BY THE SECRETARY ; US SEC AGRICULT URE ; WAGENINGEN UR

Assignee(s): UNITED STATES OF AMERICA REPRESENTED BY SECRETARY OF AGRICULTURE AS ; THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF AGRICULTURE ; VAN TOL ROBERT WHM ; STICHTING WAGENINGEN RESEARCH ; SECRETARY OF AGRICULTURE AS US GOV ; THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF AGRICULT URE ; SECRETARY OF AGRICULTURE US GOV AS ; SECRETARY OF AGRICULT URE AS US GOV ; SECRETARY OF AGRICULT URE US GOV AS

Inventor(s): (std): BRUCK DENNY J ; GRIEPINK FRANS C ; VAN TOL ROBERT W H M

Inventor(s): VAN TOL ROBERT WHM

Agent(s): ROBIC; DELAVEAU SOPHIE; TOUROUDE MAGALI LINDA; GOLDBERG JOSHUA B

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 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 PE PG PH PL PT RO RS RU 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

107) Family number: 33005230 (US2006106146A)

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Title: POLYESTER POLYMER AND COPOLYMER COMPOSITIONS CONTAINING TITANIUM NITRIDE PARTICLES

Abstract: Polyester compositions are disclosed that include polyester polymers or copolymers having incorporated therein titanium nitride particles that provide one or more of the following advantages: improving the reheat properties of the compositions, improving the color of the compositions through reduced yellowness, and improving the UV-blocking properties of the compositions. Processes for making such compositions are also disclosed. The titanium nitride particles may be incorporated in the polyester by melt compounding, or may be added at any stage of the polymerization, such as during the melt-phase of the polymerization. A range of particle sizes may be used, as well as a range of particle size distributions. The polyester compositions are suitable for use in packaging made from processes in which a reheat step is desirable, or decreased yellowness is desired, or increased resistance to the effects of ultraviolet light is desired, or any combination of the foregoing.

Classifications:

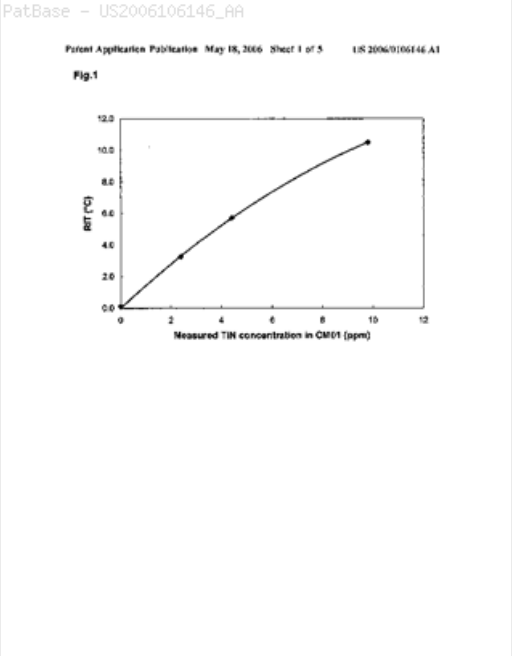
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C08J3/20 C08K3/22 C08K3/28 C08K7/24 (Advanced/Non-invention);
A01M1/02 A01M1/08 A01M1/20 C08J3/20 C08K3/00 C08K7/00 C08L67/00 G06F15/16 G06F17/21 H04N5/44 (Core/Invention)

International (IPC 1-7): C08K3/00 C08K3/22 C08K3/28

CPC: A01M1/023 A01M1/08 A01M2200/012 G11B27/105 G11B2220/65 Y10T428/1321 Y10T428/1359 G11B27/031 G11B27/11 G11B2220/61 G06F3/0482 G06F3/04817 G06F3/04847 G06F3/0486 G06F3/162 G06F3/165 G11B27/34 C08K3/28 G06F16/4387 G06F16/44

European: A01M1/02C A01M1/08 C08K3/28 G06F17/30E4P G11B27/031 G11B27/10A1 G11B27/11 G11B27/34 K01M200/012 K01M201/02 S11B220/61 S11B220/65

US: 1/1 428/34.7 428/35.9 43/107 43/113 43/132.1 43/139 524/413 524/783 528/279 528/503 707/E17.009 707/E17.009S 709/219 709/219S 715/201 715/201S 715/500.1 715/716 715/716P 715/727 715/727P G9B/27.01 G9B/27.010S G9B/27.019 G9B/27.021 G9B/27.021S G9B/27.051



Family:

Publication number	Publication date	Application number	Application date
AR053779 AA	20070523	AR2005P104703	20051109
BRPI0517338 A	20081007	BR2005PI17338	20051027
CA2585142 AA	20070427	CA20052585142	20051027
CA2585142 C	20100525	CA20052585142	20051027
CA2694861 AA	20060512	CA20052694861	20051027
CA2694861 C	20130108	CA20052694861	20051027
CN101120045 A	20080206	CN200580046508	20051027
CN101120045 B	20111228	CN200580046508	20051027
EP1848761 A2	20071031	EP20050858671	20051027
EP2256156 A2	20101201	EP20100176450	20051027
EP2256156 A3	20110126	EP20100176450	20051027
IN03182DN2007 A	20070831	IN2007DN03182	20070427
IN260077 B	20140404	IN2007DN03182	20070427
JP2008519903 T2	20080612	JP20070548208T	20051027
KR101313507 B1	20131001	KR20077010747	20051027
KR20070105303 A	20071030	KR20077010747	20051027
MY139789 A	20091030	MY20050005309	20051111
MY146101 A	20120629	MY20090000872	20051111
TW200630421 A	20060901	TW20050139543	20051111
TWI392700 B	20130411	TW20050139543	20051111
US2006106146 AA	20060518	US20050228672	20050916
US2006156236 AA	20060713	US20050097591	20050401
US2006156239 AA	20060713	US20050097034	20050401
US2006218851 AA	20061005	US20050094341	20050330
US2007068068 AA	20070329	US20060588923	20061027
US2008153962 AA	20080626	US20080073244	20080303
US7368523 BB	20080506	US20050228672	20050916
US7958441 BB	20110607	US20050097591	20050401
US8039577 BB	20111018	US20080073244	20080303
US9412417 BB	20160809	US20050097034	20050401

WO07064312 A2	20070607	WO2005US38999	20051027
WO07064312 A3	20070927	WO2005US38999	20051027

Priority:

US20020118069 20020405	US20020198639 20020716	US20020277418 20021021
US20040833879 20040427	US20040833399 20040427	US20040973925 20041025
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EP20050858671 20051027	WO2005US38999 20051027	US20060588923 20061027
US20080073244 20080303		

Probable Assignee: GRUPO PETROTEMEX DE CV SA

Assignee(s): (std): APPLE INC ; COLHOUN FREDERICK L ; APPLE COMPUTER ; NELSON E C JR ; MULLER GUNTER ; GRUPO PETROTEMEX SA DE CV ; HELLER DAVID ; JOBS STEVEN P ; XIA ZHIYONG ; STAFFORD STEVEN L ; SIMS SUSAN ; WEISS ROBERT W J ; WEISS ROBERT W ; EASTMAN CHEM CO ; GRUPO PETROTEMEX DE CV SA ; GRUPO PETROTEMEX S A DE C V ; ROBBIN JEFFREY L

Assignee(s): EASTMAN CHEMICAL COMPANY ; INTERMATIC INC ; STAFFORD STEVEN LEE ; EASTMAN CHEMICAL CO ; APPLE COMPUTER INC ; COLHOUN FREDERICK LESLIE

Inventor(s): (std): XIA ZHIYONG ; STAFFORD STEVEN L ; SIMS SUSAN ; COLHOUN FREDERICK L ; HELLER DAVID ; ROBBIN JEFFREY L ; JOBS STEVEN P ; WASKO TIMOTHY ; MILLER JEFF ; WEISS ROBERT W J ; NELSON E C JR ; WEISS ROBERT W ; MULLER GUNTER ; STAFFORD STEVEN LEE ; COLHOUN FREDERICK LESLIE ; XIA ZHI YONG ; ZHIYONG XIA ; SUSAN SIMS

Inventor(s): NELSON E ; WEISS ROBERT ; ROBBIN JEFFREY ; JOBS STEVEN ; COLHOUN FREDERICK ; STAFFORD STEVEN ; STEVEN LEE STAFFORD ; FREDERICK LESLIE COLHOUN ; WEISS ROBERT WJ ; NELSON E COLE ; NELSON E CJR

Agent(s): GOWLING LAFLEUR HENDERSON LLP; BEST MICHAEL; AOKI ATSUSHI; ISHIDA TAKASHI; KOGA TETSUJI; MICHAEL K CARRIER EASTMAN CHEMICAL CO; BEYER WEAVER AND THOMAS LLP; BRINKS HOFER GILSON AND LIONE; EASTMAN CHEMICAL COMPANY; EASTMAN CHEMICAL CO; CARRIER MICHAEL K; GRAVES JR BERNARD J; MICHAEL K; BERNARD J; OBLON SPIVAK MCCLELLAND MAIER AND NEUSTADT LLP; POLSINELLI LLP

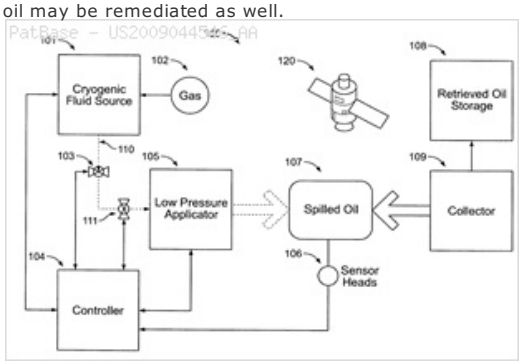
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108) Family number: 42961233 (US2009044546A)

© PatBase

Title: ENVIRONMENTALLY-NEUTRAL PROCESSING WITH CONDENSED PHASE CRYOGENIC FLUIDS

Abstract: Systems, methods and apparatus are provided for utilizing a substantially condensed phase cryogenic fluid for the purpose of remediation and retrieval of, e.g., spilled crude oil and other "oil spill"-related products from marine/aquatic and terrestrial environments. In some implementations, systems and apparatus are provided for applying a substantially condensed phase cryogenic fluid to a volume of spilled oil, and further having structure for collecting the spilled oil. Some implementations are environmentally-neutral. Substances other than oil may be remediated as well.



Classifications:

International (IPC 8-9): A01D44/00 B01D17/02 B01D8/00 B08B3/10 B08B7/00 B09B5/00 B09C1/00 C02F1/22 C02F1/40 C02F1/68 E01H12/00 E02B15/04 E02B15/10 F17C13/00 F17C13/08 F17C7/02 F42B39/14 F42D5/04 G06Q90/00 (Advanced/Invention); B01D17/02 B01D8/00 B08B3/10 B08B7/00 B09B5/00 B09C1/00 C02F1/00 C02F1/22 C02F1/40 C02F1/68 E01H12/00 E02B15/00 E02B15/04 F17C13/00 F17C13/08 F17C7/00 F42B39/00 F42D5/00 G06Q90/00 (Core/Invention)

CPC: Y10S210/923 Y02W30/32 Y02W10/37 B09B1/004 E01H12/006 B01D17/042 C02F2209/008 C02F2201/008 C02F2101/20 G06Q99/00 Y02A20/132 Y02A20/204 B08B7/0092 B08B7/0014 B09C1/00 C02F1/22 C02F1/40 C02F1/681 C02F2101/32 C02F2103/08 C02F2209/02 C09K3/32 E01H1/001 E01H12/002 E02B15/043

European: B01D17/04D B08B7/00J B08B7/00T4 B09B1/00C B09C1/00 C02F1/22 C02F1/68C C09K3/32 E01H1/00B E01H12/00B E01H12/00D E02B15/04G G06Q99/00 M02F1/00T2D M02F1/22 M02F1/40 M02F1/68C M02F101/20 M02F101/32 M02F103/08 M02F201/00M M02F209/00T4 M02F209/02

US: 134/105 134/198 15/321 210/143 210/170.01 210/170.010P 210/170.09 210/177 210/198.1 210/198.100P 210/242.1 210/242.100S 210/242.3 210/242.300P 210/602 210/739 210/742 210/744 210/747 210/747.5 210/747.6 210/774 210/776 210/923 44/307 47/59.00R 47/59R 56/9 588/249 588/249S 62/123 62/293 62/46.1 62/50.1 62/50.100S 62/50.7 62/50.700S 62/52.1 62/52.100S 62/53.2 62/53.200S 62/533 62/533P 62/536 62/540 62/66 705/500 705/500S

Family:

Publication number	Publication date	Application number	Application date
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US8080164 BB	20111220	US20100815626	20100615
WO09023032 A2	20090219	WO2007US76145	20070816
WO09023032 A3	20091217	WO2007US76145	20070816
WO09151718 A2	20091217	WO2009US38280	20090325
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Priority:

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Probable Assignee: DE STRULLE RONALD

Assignee(s): (std)**:** DE STRULLE RONALD

Assignee(s): GOLUB CAPITAL INC ; GOLUB CAPITAL INC AGENT AS ; HSBC BANK CANADA AGENT AS ; REGIONS BANK ; TIPPMANN SPORTS LLC ; BANK OF MONTREAL

Inventor(s): (std)**:** DE STRULLE RONALD

Agent(s): PETERREINS FRANK; FISH AND RICHARDSON PC; BORODACH SAMUEL; ZOPPO MICHAEL T

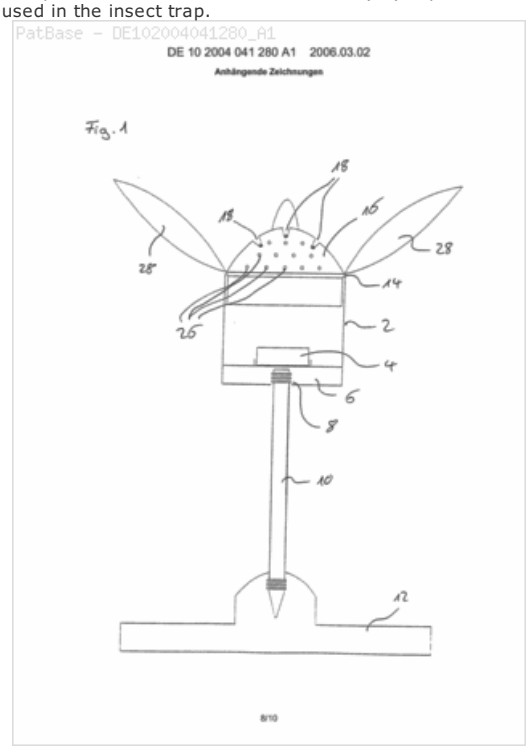
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109) Family number: 32657237 (DE102004041280A1) © PatBase

Title: INSECT TRAP HAS CONTAINER FOR HOLDING ATTRACTANT, IN WHICH CONTAINER HAS SEVERAL ENTRY OPENINGS AND LEAVES TO FORM FLOWER SHAPE

Abstract: The insect trap has a container (2) for holding the attractant (4). The container is formed with several entrance openings (18) and leaves (28), such that the container is formed in a shape of a flower. A removable cover (16) is provided for the container. An independent claim is included for the container used in the insect trap.

Classifications:
International (IPC 8-9): A01M1/02 (Advanced/Invention); A01M1/02 (Core/Invention)
CPC: A01M1/106
European: A01M1/10F



Family:

Publication number	Publication date	Application number	Application date
DE102004041280 A1	20060302	DE200410041280	20040825

Priority:

DE200410041280 20040825

Probable Assignee: SCHWEITZ MARIUS

Assignee(s): (std)**:** SCHWEITZ MARIUS

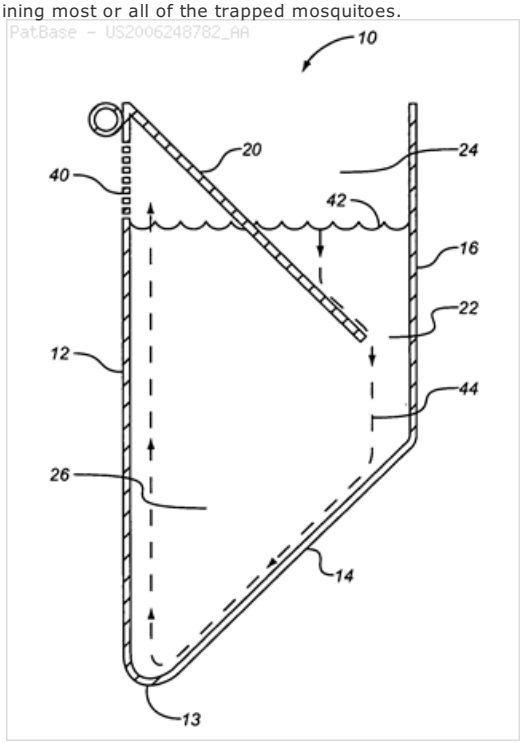
Inventor(s): (std)**:** SCHWEITZ MARIUS

110) Family number: 33603240 (US2006248782A)

Title: MOSQUITO BREEDING TRAP AND METHOD FOR ELIMINATING MOSQUITOES

Abstract: An apparatus is disclosed for mosquitoes and other "biting" insects to lay eggs which become trapped before maturing into adults. The trap comprises a reservoir filled with water and divided into two chambers 24 and 26. One chamber 24 is open to the outside at the surface to allow an accessible breeding area. The other chamber 26 is enclosed. Immature mosquitoes fall or are flushed from the open chamber 24 to the enclosed chamber 26, guided along the way by the sloping bottoms of the chambers 20 and 14. A screen, small holes, or similarly restricted exit 40 between the enclosed chamber 26 and the outside chamber 24 allows excess water to escape while retaining most or all of the trapped mosquitoes.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
CPC: Y02A50/371 A01M1/106
European: A01M1/10F
US: 43/107 43/132.1



Family:

Publication number	Publication date	Application number	Application date
US2006248782 AA	20061109	US20060429683	20060508

Priority:
US20050679144P 20050509 US20060429683 20060508

Probable Assignee: MOSQUITO SWALLOW LLC
Assignee(s): (std): MOSQUITO SWALLOW LLC
Inventor(s): (std): DANCY BLAIR
Agent(s): HEINZ GRETHER PC

111) Family number: 70327246 (IN201821021812A)

Title: A MULTIFUNCTIONAL INSECT TRAPPING DEVICE FOR MANAGING INSECTS

Abstract: This invention relates to an insect trap for detecting, capturing, monitoring and controlling populations of numerous injurious species of the Coleopteran order of insects. Said trap (28) comprises an electric, solar and battery powered light source (29) surrounded by an electrically conductive grid (6) and sex pheromone lure (32). The sex pheromone lure (32) is being located at the lower end of the light source (29) on a circular plate (7), which is having small ports for fixing the lure. The light source (29) and the grid (6) are energizable by an electric AC or solar or battery based power source external to the device via electric circuit components located in the uppermost part. The device has an array of openings through which insects attracted by the energized light source (29) and sex pheromone lure (32), which come into contact with and be electrocuted by the energized grid (6). The electrocuted insects drop down into circular insect collecting container containing kerosenized water.

Classifications:
International (IPC 8-9): A01M1/00 A01M5/00 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
IN201821021812 A	20180629	IN201821021812	20180611

Priority:
IN201821021812 20180611

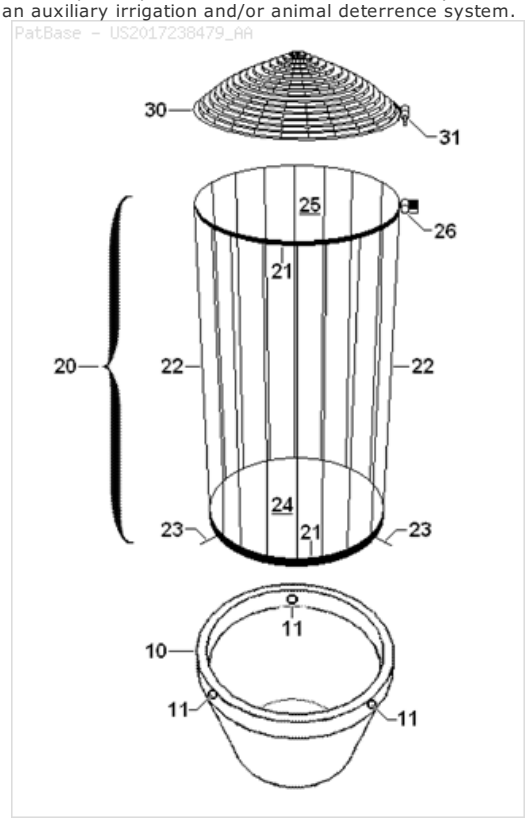
Probable Assignee: JUNAGADH AGRICULTURAL UNIV
Assignee(s): JUNAGADH AGRICULTURAL UNIV
Inventor(s): BHIMANI ANKUR MANJIBHAI ; JETHVA DHARMRAJSINH MAJBUTSINH ; WADASKAR PANKAJ SHANKARRAO

112) Family number: 66712247 (US2017238479A)

Title: PLANT-PROTECTION CAGE WITH HARVESTING AND PRODUCE-RINSING DOME

Abstract: Most of the time, the disclosed plant husbandry and food preparation apparatus encloses a garden plant, such that the plant is protected on all sides from animals. It may comprise a planter in which the plant is grown, a cage that is attached to the lip of the planter, and a dome containing apertures, which is seated atop the cage. The seated dome may be opened, while the dome is still attached to the cage, allowing the gardener to harvest produce. The opened dome is configured for use as a receptacle into which the harvested produce is deposited. The dome is also configured to be effortlessly detachable from the remainder of the apparatus, so that produce within it may be conveniently transported and rinsed. The dome may also be configured to serve as a strainer/steamer basket and as support for an auxiliary irrigation and/or animal deterrence system.

Classifications:
International (IPC 8-9): A01G13/02 A01G13/04 A01G13/10 A01G27/00 A01G27/04 A01M29/08 A01M29/12 A01M29/16 (Advanced/Invention)
CPC: A01G13/10 A01G27/005 A01G27/003 A01M29/16 A01M29/12 A01M29/08 A01G13/04 A01G27/04



Family:

Publication number	Publication date	Application number	Application date
US2017238479 AA	20170824	US20160047582	20160218
US10130048 BB	20181120	US20160047582	20160218

Priority:
US20160047582 20160218

Probable Assignee:	LIPANI JOHN D
Assignee(s): (std)**:**	LIPANI JOHN D
Inventor(s): (std)**:**	LIPANI JOHN D
Agent(s):	RIGNEY DAVID R

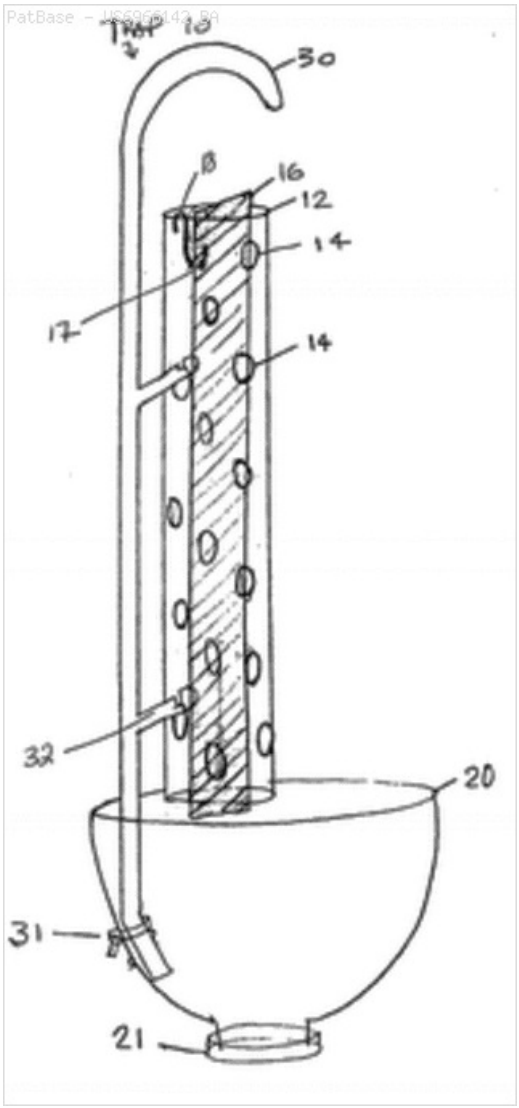
113) Family number: 32421248 (US6966142B)

Title: INSECT TRAP

Abstract: A safe, indoor trapping device for trapping and killing flying insects can be used in areas containing food, containing animals, for food preparation, etc. The device includes at least one removable trap body, a toxicant panel, and an insect collector.

Classifications:
International (IPC 8-9): A01M1/20 (Advanced/Invention); A01M1/20 (Core/Invention)
International (IPC 1-7): A01M1/20
CPC: A01M1/2005 A01M1/2016 A01M2200/012
European: A01M1/20B A01M1/20B2 K01M200/012 K01M201/02
US: 43/107 43/114 43/122

PatBase – US6966142 BA



Family:

Publication number	Publication date	Application number	Application date
US6966142 BA	20051122	US20020145787	20020516

Priority:

US20020145787 20020516

Probable Assignee: US AGRICULTURE

Assignee(s): (std)**:** US AGRICULTURE

Assignee(s): AGRICULTURE US GOV SECRETARY OF AS ; AGRICULTURE US SEC ; AGRICULTURE US SECWASHINGTON DISTRICT OF COLUMBIA ; SECRETARY OF AGRICULTURE AS US GOV ; SECRETARY OF AGRICULTURE US GOV AS ; THE UNITED STATES OF AMERICA AS REPRESENTED BY THE ; THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF AGRICULTURE

Inventor(s): (std)**:** HOGSETTE JEROME A ; CARLSON DAVID ARTHUR

Agent(s): JOHN D; GAIL E

114) Family number: 51569253 (US2012186136A)

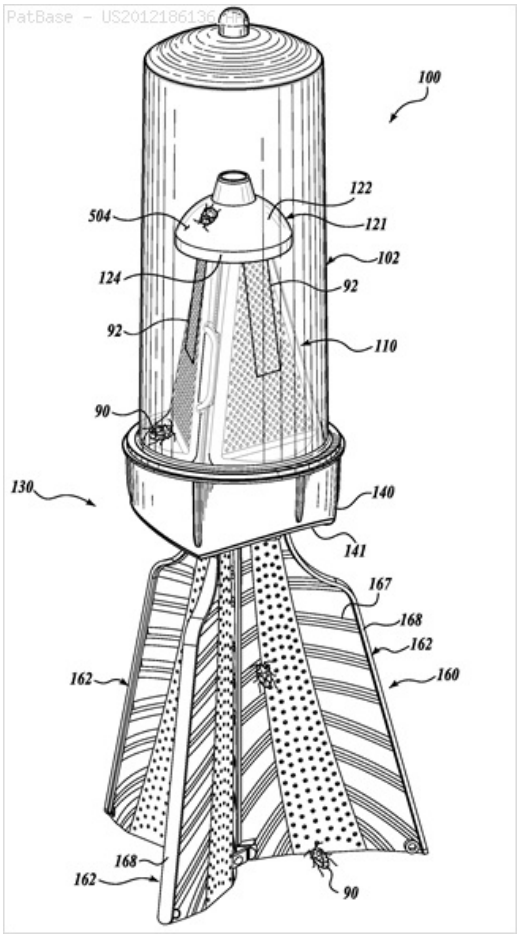
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Title: METHOD FOR REDUCING THE ABILITY OF INSECTS TO ADHERE TO SURFACES

Abstract: A method for rendering a surface nonadhesive to insects is described. The method may include providing a surface, wherein the surface is desired to be nonadhesive to an insect having a foot contact structure, and creating or otherwise applying to or on the surface, features that are commensurate in size to a contact area size of the contact structure on the bottom of insect feet. The method may be used to provide a device which attaches to an insect trap cone, funnel, or pyramid, wherein the device comprises the nonadhesive surface.

Classifications:

International (IPC 8-9): A01M A01M1/00 A01M1/02 A01M1/04 A01M1/10 A01N A01N29/00 A01P19/00 (Advanced/Invention)
CPC: A01M29/34 A01M1/103 A01M1/106 A01M1/04 Y02A50/374
European: A01M1/04 A01M1/10F A01M29/34
US: 43/107 43/107P 43/113 43/113P 43/121 43/121P 43/122 43/132.1



Family:

Publication number	Publication date	Application number	Application date
AU2011356606 AA	20120802	AU20110356606	20111220
AU2011356606 AH	20130822	AU20110356606	20111220
AU2011356606 BB	20160811	AU20110356606	20111220
AU2012209474 AA	20120802	AU20120209474	20120104
CA2821179 AA	20130610	CA20122821179	20120104
CA2824850 AA	20130715	CA20112824850	20111220
CA2824850 C	20180612	CA20112824850	20111220
CN103391713 A	20131113	CN201180065815	20111220
CN103391713 B	20150311	CN201180065815	20111220
EP2667706 A2	20131204	EP20120739983	20120104
EP2667707 A2	20131204	EP20110856933	20111220
EP2667707 A4	20170927	EP20110856933	20111220
HK1194614 A1	20141024	HK20140105148	20140530
JP2014503228 T2	20140213	JP20130551972T	20111220
JP5944412 B2	20160705	JP20130551972T	20111220
KR20140018240 A	20140212	KR20137021648	20111220
US2012186136 AA	20120726	US20120343162	20120104
US2012186137 AA	20120726	US20110331394	20111220
US2012204475 AA	20120816	US20120443574	20120410
US8677677 BB	20140325	US20120443574	20120410
US8813419 BB	20140826	US20110331394	20111220
WO12102807 A2	20120802	WO2011US66266	20111220
WO12102807 A3	20121227	WO2011US66266	20111220
WO12102840 A2	20120802	WO2012US20213	20120104
WO12102840 A3	20121026	WO2012US20213	20120104
WO12145198 A2	20121026	WO2012US32921	20120410
WO12145198 A3	20121227	WO2012US32921	20120410

Priority:

US20110435647P 20110124 US20110453033P 20110315 US20110477044P 20110419
US20110331394 20111220 WO2011US66266 20111220 US20120343162 20120104
WO2012US20213 20120104 US20120443574 20120410

Probable Assignee: STERLING INT INC

Assignee(s): (std): CHAPIN MARC ; SCHNEIDMILLER RODNEY G ; STERLING INT INC ; STERLING INTERNAT INC ; ZHANG QING HE

Assignee(s): STERLING INTERNATIONAL INC

Inventor(s): (std): ZHANG QINGHE ; CHAPIN MARC ; ZHANG QING HE ; SCHNEIDMILLER RODNEY G

Agent(s): FB RICE; FB RICE PTY LTD; LAMBERT ANTHONY R; TRANTER ANDREW DAVID; WENPING AND CO; CHRISTENSEN OCONNOR JOHNSON KINDNESS PLLC; DODGE RYAN E; CRUZ LAURA A

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 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 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

115) Family number: 65487257 (IN01016DE2013A)

Title: AUTOCIDAL OVITRAP FOR MONITORING DENGUE AND CHIKUNGUNYA VECTORS

Abstract: An autocidal oviposition trap, for monitoring dengue and chikungunya vectors that is cost effective method for surveillance of container-breeding mosquitoes, especially Stegomyia mosquitoes which are the vectors of dengue and chikungunya, wherein the ovitraps are used for surveillance collects the eggs and prevent the escape of the gravid females from the trap after egg laying. The autocidal trap mentioned in the present invention is thus adapted to trap the gravid females and not allow the female mosquitoes from flying away after laying of eggs. Such auctocidal traps are found useful in the field for monitoring of vectors and enable the public health workers and researchers to easily trap and identify the prevalence of vectors in an area. The trap aids in rapid identification of the vector species as the adults are trapped in.
Classifications:
International (IPC 8-9): A01M (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
IN01016DE2013 A	20160831	IN2013DE01016	20130404

Priority:

IN2013DE01016 20130404

Probable Assignee: DIRECTOR GENERAL DEFENCE R AND D ORGANISATION

Assignee(s): DIRECTOR GENERAL DEFENCE R AND D ORGANISATION

Inventor(s): MOMI DAS ; VIJAY VEER ; REJI GOPALAKRISHNAN ; INDRA BARUAH

116) Family number: 43984257 (US2009277075A)

Title: BEE, WASP AND OTHER FLYING AND NESTING INSECTS IMMOBILIZATION AND EXTERMINATION

Abstract: This invention provides a safe and effective product for extinguishing of insects (particularly Wasps, Bees and other flying insects). The device comprises a spray can or other spraying type device containing glue which can be sprayed in conjunction with an insecticide which is effective against nesting and/or other flying insects. When the user approaches a hornet's nest the individual can spay this device at the opening of the hole which will effectively seal the hole (entrance to the nest) and kill the inhabitants. Typically (prior to this invention) one would spray a wasp nest and run for their lives in hope of not getting stung. This device will saves thousands or lives and will be a significant advance in the art of preventing medical and loss of work and other cost due to bee and wasp stings.
Classifications:
International (IPC 8-9): A01M1/14 A01M7/00 (Advanced/Invention);
A01M1/00 A01M7/00 (Core/Invention)
CPC: A01M1/14 A01M1/2038
European: A01M1/14 A01M1/20C2H
US: 43/114 43/132.1 43/900

Family:

Publication number	Publication date	Application number	Application date
US2009277075 AA	20091112	US20080116782	20080507

Priority:

US20080116782 20080507

Probable Assignee: ETTWEIN GEORGE

Assignee(s): (std)**:** ETTWEIN GEORGE ; SMITH JACK V

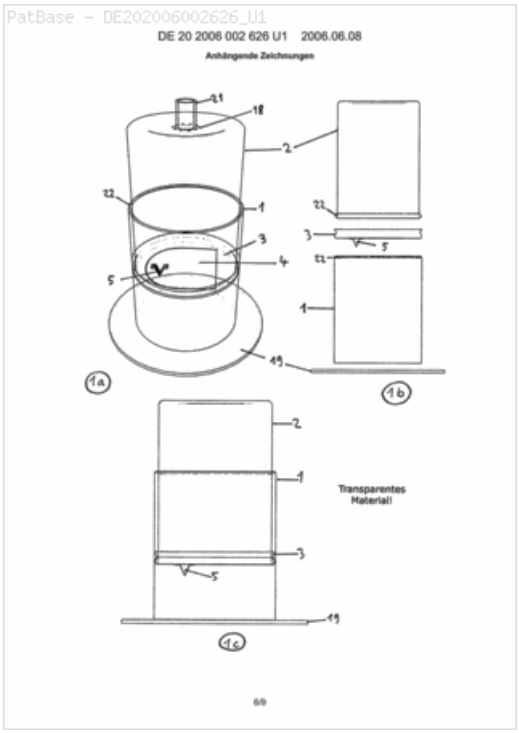
Inventor(s): (std)**:** ETTWEIN GEORGE ; SMITH JACK V

Agent(s): JACK SMITH

117) Family number: 33056258 (DE202006002626U1)

Title: LIVE TRAP FOR INSECTS COMPRISES OUTER CYLINDER WHICH IS OPEN AT TOP AND SECOND CYLINDER, WHICH IS CLOSED AT TOP AND FITS INSIDE IT, TRAP BEING PLACED OVER INSECT AND UPPER CYLINDER PUSHED DOWN SO THAT FLAP ON CAP IN ITS BASE OPENS

Abstract: The live trap for insects comprises a transparent outer cylinder (1) which is open at the top. A second cylinder (2), which is closed at the top, fits inside this. The trap is placed over the insect and a closure disk (19) is slid under it. The upper cylinder is then pushed down and a flap (4) on a cap (3) in its base opens when its handle (5) contacts the disk. The insect enters the upper section and the flap is closed by its own resilience.
Classifications:
International (IPC 8-9): A01M23/04 (Advanced/Invention);
A01M23/00 (Core/Invention)
CPC: A01M3/00 A01M2200/012
European: A01M3/00 K01M200/012 K01M201/02



Family:

Publication number	Publication date	Application number	Application date
DE202006002626 U1	20060504	DE200620002626U	20060218

Priority:

DE200620002626U 20060218

Probable Assignee: LANGE DIETRICH

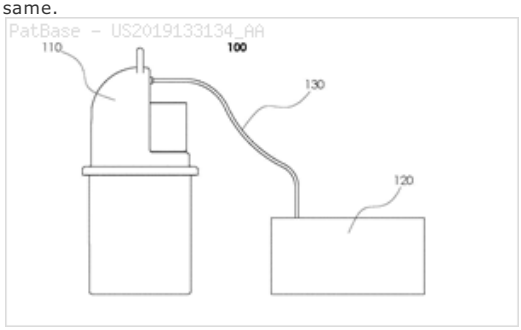
Assignee(s): (std)**:** LANGE DIETRICH

118) Family number: 74259259 (US2019133134A)

Title: HUMIDITY TOLERANT CARBON DIOXIDE GENERATOR FOR ARTHROPOD TRAP AND METHOD OF USING SAME

Abstract: The present invention provides a humidity tolerant CO_2 generator that operates in combination with an arthropod trap. The CO_2 generator comprises a means for controllably adding solid pellets to an aqueous acid solution, and optionally includes a sound-based counting system for counting the number of pellets dispensed from a feeder reservoir and into a reaction chamber. The invention also provides a method of using the same.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01N59/04 B65D83/04 (Advanced/Invention)
CPC: A01N59/04 B65D83/04 A01M1/023 A01M1/10



Family:

Publication number	Publication date	Application number	Application date
US2019133134 AA	20190509	US20170805850	20171107

Priority:

US20170805850 20171107

Probable Assignee: TDA RESEARCH INC

Assignee(s): (std)**:** TDA RESEARCH INC

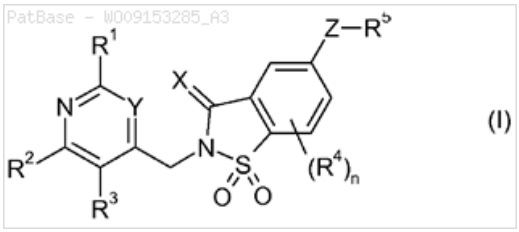
Inventor(s): (std)**:** CLAPSADDLE BRADY ; FREDRICKSON JOE ; BELL WILLIAM ; HAANSTAD TREVOR ; MARTIN JEFF

119) Family number: 44130260 (US2011166162A)

Title: 1,2-BENZISOTHIAZOLE COMPOUNDS USEFUL FOR COMBATING ANIMAL PESTS

Abstract: The present invention relates to sulfonamide compounds of formula (I) wherein R1 is H, halogen, CN, C1-C6-alkyl, C2-C6-alkenyl, C2-C6-alkynyl, C3-C7-cycloalkyl, C3-C7-cycloalkyl-C1-C4-alkyl, C1-C6-alkoxy, C2-C6-alkenyloxy, C2-C6-alkynyloxy, C1-C6-alkylthio, C2-C6-alkenylthio, C2-C6-alkynylthio, C1-C6-haloalkyl or C1-C6-haloalkoxy; R2 and R3

are H, halogen, CN, C1-C6-alkyl, C2-C6-alkenyl, C2-C6-alkynyl, C3-C7-cycloalkyl, C3-C7-cycloalkyl-C1-C4-alkyl, C1-C6-alkoxy, C2-C6-alkenyloxy, C2-C6-alkynyloxy, C1-C6-alkylthio, C2-C6-alkenylthio, C2-C6-alkynylthio, C1-C6-haloalkyl or C1-C6-haloalkoxy; or R2 together with R3 form a fused 5 or 6-membered carbocycle or heterocycle; R4 is halogen, CN, C1-C6-alkyl, C2-C6-alkenyl, C2-C6-alkynyl, C1-C6-alkoxy, C1-C6-alkylthio, C1-C6-alkylsulfinyl, C1-C6-alkylsulfonyl, C1-C6-haloalkyl, C1-C6-haloalkoxy, C1-C6-haloalkylthio, C1-C6-haloalkylsulfinyl or C1-C6-haloalksulfonyl; n is 0, 1, 2 or 3; R5 is phenyl or a 5- or 6-membered heterocycle; X is O or NRx, wherein Rx is H, C1-C6-alkyl, C2-C6-alkenyl, C2-C6-alkynyl, C3-C7-cycloalkyl, C1-C6-alkoxy, C2-C6-alkenyloxy, C2-C6-alkynyloxy, C1-C6-alkylcarbonyl or C1-C6-alkylcarbonyloxy; Y is N or C(Ry), wherein Ry is H, halogen, CN, C1-C6-alkyl, C2-C6-alkenyl, C2-C6-alkynyl, C3-C7-cycloalkyl, C3-7-cycloalkyl-C1-C4-alkyl, C1-C6-alkoxy, C2-C6-alkenyloxy, C2-C6-alkynyloxy, C1-C6-alkylthio, C2-C6-alkenylthio, C2-C6-alkynylthio, C1-C6-haloalkyl and C1-C6-haloalkoxy; and Z is a chemical bond, O or N(Rz), wherein Rz is C1-C6-alkyl, C2-C6-alkenyl, C2-C6-alkynyl, C3-C7-cycloalkyl, C1-C6-alkoxy, C2-C6-alkenyloxy, C1-C6-alkylcarbonyl or C1-C6-alkylcarbonyloxy; as well as to the N-oxides and salts thereof. These compounds are useful for combating animal pests. The invention also relates to a process for the preparation of these compounds and to intermediate compounds used in said process. The invention further relates to a method for controlling animal pests by using the compounds of formula (I), the N-oxides or the salts thereof, to plant propagation material and to an agricultural and veterinary composition comprising said compounds, the N-oxides or the salts thereof.



Classifications:
International (IPC 8-9): A01N A01N43/40 A01N43/54 A01N43/80 A01P11/00 A01P15/00 A01P5/00 A01P7/00 A01P7/02 A01P7/04 A61K31/4439 A61K31/4709 A61P33/00 C07D C07D401/06 C07D417/06 C07D417/14 C07D47/06 (Advanced/Invention); A01N43/80 C07D417/06 C07D417/14 (Advanced/Non-invention); A01N43/72 C07D417/00 (Core/Invention); A01N43/80 A01P11/00 A01P5/00 A01P7/00 C07D417/06 (Core/Non-invention); A01N C07D (Subclass/Invention)
International (IPC 1-7): A01N43/80 A61K31/4427 A61K31/506 A61P33/14 C07D417/06 C07D417/14
CPC: C02F1/001 C02F2209/03 C02F2303/16 C07D417/06 A01N43/80 C07D417/14
European: A01N43/80 C02F1/00D C07D417/06 C07D417/14 G01F1/46 G01F15/075 M02F209/03 M02F303/16
US: 514/256 514/338 544/333 546/271.1

Family:

Publication number	Publication date	Application number	Application date
AR072188 AA	20100811	AR2009P102224	20090618
AU2009259330 AA	20091223	AU20090259330	20090617
CA2726683 AA	20091223	CA20092726683	20090617
CN102066368 A	20110518	CN200980123210	20090617
CR11810 A	20110216	CR20100011810	20101124
EA201100009 A1	20110830	EA20110000009	20090617
EP2303874 A2	20110406	EP20090765865	20090617
IL209520 A0	20110131	IL20090209520	20090617
IN04463KN2010 A	20111125	IN2010KN04463	20101125
JP2011524877 T2	20110908	JP20110514031T	20090617
KR20110026483 A	20110315	KR20117001184	20090617
MA32395 B1	20110601	MA20100033426	20101214
MX2010012843 A1	20101214	MX20100012843	20090617
TW201016693 A	20100501	TW20090120300	20090617
US2011166162 AA	20110707	US20090999349	20090617
WO09153285 A2	20091223	WO2009EP57531	20090617
WO09153285 A3	20100304	WO2009EP57531	20090617
ZA201100422 A	20120328	ZA20110000422	20110117

Priority:
US20080073574P 20080618 WO2009EP57531 20090617

Probable Assignee: BASF SE

Assignee(s): (std): CULBERTSON DEBORAH L ; DEYN WOLFGANG VON ; POHLMAN MATTHIAS ; LANGEWALD JUERGEN ; KAMP HENNICKE ; OLOUMI SADEGHI HASSAN ; PUHL MICHAEL ; RACK MICHAEL ; VAN RAVENZWAAY BENNARD ; RANKL NANCY B ; PARRA RAPADO LILIANA ; ANSPAUGH DOUGLAS D ; BASF AG ; BASF SE

Assignee(s): BASF SEDE ; VON DEYN WOLFGANG ; LANGEWALD JURGEN

Inventor(s): (std): HENNICKE KAMP ; MATTHIAS POHLMAN ; BENNARD RAVENZWAAY VAN ; JUERGEN LANGEWALD ; HASSAN OLOUMI SADEGHI ; MICHAEL RACK ; WOLFGANG VON DEYN ; LILIANA PARRA RAPADO ; MICHAEL PUHL ; MATT HEWS GALE F ; DOUGALS D ANSPAUGH ; JURGEN LAGEWALD ; HENNIEKE KAMP ; BERNARD VAN RAVENZWAAY ; POHLMAN MATTHIAS ; OLOUMI SADEGHI HASSAN ; VON DEYN WOLFGANG ; LANGEWALD JUERGEN ; KAMP HENNICKE ; CULBERTSON DEBORAH L ; ANSPAUGH DOUGLAS D ; PUHL MICHAEL ; RACK MICHAEL ; VAN RAVENZWAAY BENNARD ; RANKL NANCY B ; PARRA RAPADO LILIANA ; DEBORAH L CULBERTSON ; LANGEWALD JURGEN ; RAVENZWAAY BENNARD VAN ; DEYN WOLFGANG VON ; RAPADO LILIANA PARRA ; NANCY B RANKL ; OLOUMI SADEGHI HASSAN DECEASED

Inventor(s): SADEGHI HASSAN ; RANKL NANCY ; BENNARD VAN RAVENZWAAY ; LANGEWALD JA RGEN ; JURGEN LANGEWALD ; DOUGLAS D ANSPAUGH ; OLOUMI-SADEGHI, HASSAN

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; ROBIC; REITSTOETTER KINZEBACH; ARAI EIICHI; FUJITA TAKASHI; TANAKA NATSUO; HIRAKI YUSUKE; REITSTOETTER KINZEBACH AND PARTNER

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 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 PE 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

120) Family number: 53179260 (BRPI1004838A)

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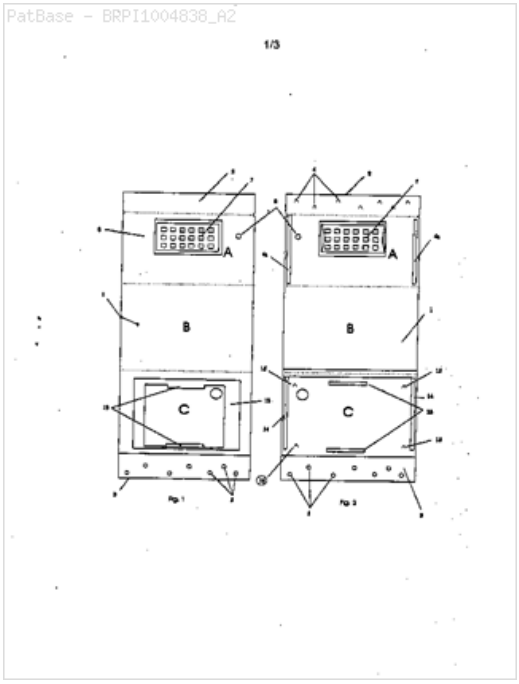
Title: prismas para armadilhas de insetos-pragas das frutas e hortaliCas Prism traps for insect pests of fruits and vegetables (Machine translation)

Abstract: Source: BRPI1004838A [PT] PRISMAS PARA ARMADILHAS DE INSETOS-PRAGAS DAS FRUTAS E HORTALICAS. Onde a presente invencao refere-se a uma armadilha em forma de prisma triangular para atrair insetos-praga das frutas e

hortalicas, em especial para as moscas da fruta de importancia economica, como sao as do genero Ceratitis, sendo a principal a mosca do Mediterraneo e como as moscas do genero Bactrocera. Esta invencao consiste em uma peca so de material plastico de forma retangular alongada formada por 3 secoes e com duas bordas em ambos os extremos, as quais apresentam meios para que ao serem dobradas se acoplem formando um prisma, e onde as secoes apresentam diversas incorporacoes para adicionar-lhes exteriormente, a isca, lamina pegajosa fosforescente e diversos cartoes para identificacao, manutencao e inspecao e, uma vez dobradas, pendura-las mediante um gancho e onde pela qualidade e forma dos componentes, a armadilha e mais eficiente e duradoura que as atualmente em uso, alem de permitir o uso de varios tipos de atraentes e de ocupar mais de um tipo ao mesmo tempo.

Machine translation: PRISMS TRAPS FOR INSECT PESTS-fruits and vegetables. Where The present invention relates to a trap in the form of triangular prism to attract insect pests of fruits and vegetables, especially for fruit flies of economic importance, as are those of the genus Ceratitis, the major one being the fly Mediterraneo and as the flies of the genus Bactrocera. This invention consists of a piece of plastic material so the elongated rectangular shape and consists of 3 sections with two edges on both ends, which means they have to be folded up to form a prism engage, and where sections present several mergers to add them externally, the bait, blade and several phosphor sticky cards for identification, maintenance and inspection, and once folded, hanging them by a hook and where the quality and shape of the components, the trap and more efficient and durable than the currently in use, in addition to allowing the use of various types of attractive and occupy more than one type at the same time.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
BRPI1004838 A2	20130226	BR2010PI04838	20101105
BRPI1004838 B1	20180206	BR2010PI04838	20101105

Priority:
BR2010PI04838 20101105

Probable Assignee: RICARDO OSVALDO CUELLAR BERNAL

Assignee(s): (std)**:** BERNAL RICARDO OSVALDO CUELLAR ; RICARDO OSVALDO CUELLAR BERNAL

Inventor(s): (std)**:** RICARDO OSVALDO CUELLAR BERNAL ; BERNAL RICARDO OSVALDO CUELLAR

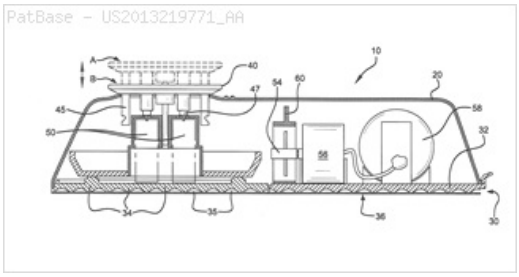
121) Family number: 50760261 (US2013219771A)

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Title: BED BUG MONITORING DEVICE

Abstract: The invention is directed to a bed bug monitoring device comprising a bed bug attractant element and a harborage section comprising a support member having a traversable surface and one or more protuberances depending therefrom. The harborage defines at least one entrance through which bed bugs attracted to the device can enter. The device can further include a base section placed over at least a portion of the traversable surface and adapted to by placed flush with the surface against which the device is to be placed.

Classifications:
International (IPC 8-9): A01M A01M1/00 A01M1/02 A01M1/10 A01M1/14 C09J C09J201/00 (Advanced/Invention);
A01M1/02 (Core/Invention)
CPC: A01M1/103 A01M1/026 A01M1/02 A01M1/14 Y02A50/374
European: A01M1/02 A01M1/02E A01M1/14
US: 43/114 43/123 43/132.1



Family:

Publication number	Publication date	Application number	Application date
AU2011296215 AA	20120308	AU20110296215	20110829

BR112013004738 A2	20170404	BR20131104738	20110829
CA2809126 AA	20130221	CA20112809126	20110829
CN103079402 A	20130501	CN201180042077	20110829
CR20130091 A	20130709	CR20130000091	20130228
EP2611288 A2	20130710	EP20110822431	20110829
HK1182589 A1	20131206	HK20130110152	20130830
IN01382CN2013 A	20160603	IN2013CN01382	20130220
JP2013536688 T2	20130926	JP20130527162T	20110829
KR20130100145 A	20130909	KR20137007865	20110829
MX2013002433 A1	20130801	MX20130002433	20110829
SG188209 A1	20130430	SG20130010731	20110829
TH126739 A	20130823	TH20131001013	20110829
US2013219771 AA	20130829	US20110819358	20110829
WO12030717 A2	20120308	WO2011US49544	20110829
WO12030717 A3	20120531	WO2011US49544	20110829

Priority:

US20100378546P 20100831 US20110819358 20110829 WO2011US49544 20110829

Probable Assignee: FMC CORP

Assignee(s): (std)**:** BLACK BRUCE ; FMC CORP ; SHETH SHREYA ; VARANYAK LINDA ; WOODRUFF KEITH

Inventor(s): (std)**:** WOODRUFF KEITH ; SHETH SHREYA ; VARANYAK LINDA ; BLACK BRUCE ; LINDA VARANYAK ; BRUCE BLACK ; SHREYA SHETH ; KEITH WOODRUFF

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; SMART AND BIGGAR; EARNSHAW GEOFFREY MARK; SHANGHAI INTELLECTUAL PROPERTY OFFICE; BOLAND KEITH J 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 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 PE PG PH PL PT QA RO RS RU 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

122) Family number: 31989264 (WO0136864A2)

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Title: SYSTEMS AND METHODS FOR GENERATING AND MODULATING ILLUMINATION CONDITIONS

Abstract: The present invention relates to systems and methods for generating and/or modulating illumination conditions to generate high-quality light of a desired and controllable color, for creating lighting fixtures for producing light in desirable and reproducible colors, and for modifying the color temperature or color shade of light within a prespecified range after a lighting fixture is constructed. In one embodiment, LED lighting units capable of generating light of a range of colors are used to provide light or supplement ambient light to afford lighting conditions suitable for a wide range of applications.

Classifications:

International (IPC 8-9): A01G7/00 A01M1/00 A01M1/02 B01J19/12 C02F1/32 F21K F21K99/00 F21V21/088 H05B33/08 H05B37/02 (Advanced/Invention);
C02F1/00 F21V21/088 H05B37/02 (Advanced/Non-invention);
A01G7/00 A01M1/00 A01M1/02 B01J19/12 C02F1/32 F21K99/00 H05B33/02 H05B37/02 (Core/Invention);
C02F1/00 F21V21/08 (Core/Non-invention)

International (IPC 1-7): A01G7/00 A01M1/00 A01M1/02 A61L2/10 B01J19/12 C02F1/32 F21K7/00 F21P F21V9/02 H05B37/02

CPC: Y02W10/37 H05B33/0857 C02F1/325 C02F2201/3222 C02F2201/326 C02F2209/005 H05B37/0245 H05B33/0863 F21V21/088 H05B33/0869 A61L9/20 F21Y2103/10 F21Y2115/10 A61L2/10 A61L2202/16 A61L2202/21 A61L2202/24 F24F2003/1667

European: C02F1/32D H05B33/08D3K H05B33/08D3K2U H05B33/08D3K4F M02F201/322D M02F201/326 M02F209/00T R21V21/088 R21Y101/02 R21Y103/00

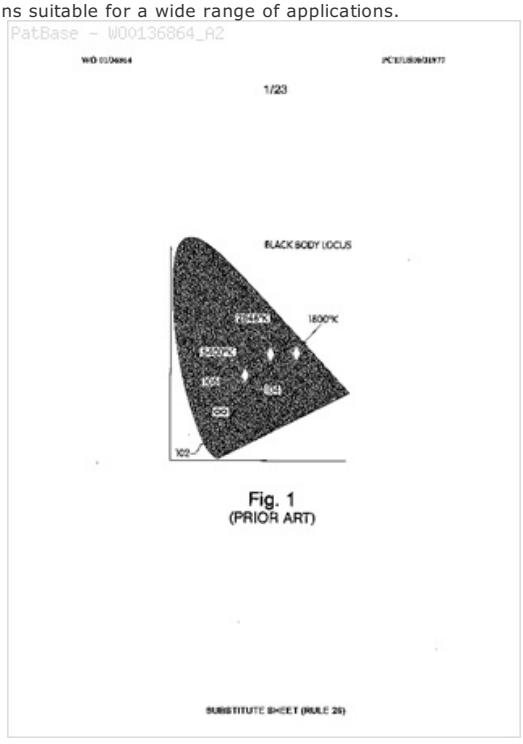


Fig. 1
(PRIOR ART)

SUBSTITUTE SHEET (RULE 26)

Family:

Publication number	Publication date	Application number	Application date
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AU200117825 A5	20010530	AU20010017825	20001120
AU2001285398 AA	20020218	AU20010285398	20010806
EP1234140 A2	20020828	EP20000980578	20001120
EP1234140 B1	20050810	EP20000980578	20001120
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EP1501763 A2	20050202	EP20010964558	20010806
JP2003517705 T2	20030527	JP20010538714T	20001120
JP2004508162 T2	20040318	JP20020517431T	20010806

WO0136864 A2	20010525	WO2000US31877	20001120
WO0136864 A3	20011122	WO2000US31877	20001120
WO0212127 A2	20020214	WO2001US41569	20010806
WO0212127 A3	20041209	WO2001US41569	20010806

Priority:

US19990166533P 19991118 US20000201140P 20000502 US20000222847P 20000804
US20000235678P 20000927 WO2000US31877 20001120 WO2001US41569 20010806

Probable Assignee: COLOR KINETICS

Assignee(s): (std): COLOR KINETICS ; COLOR KINETICS INC ; DOWLING KEVIN ; DUCHARME AL ; LYS IHOR A ; MORGAN FREDERICK ; PHILIPS LIGHTING NORTH AMERICA CORP

Inventor(s): (std): DUCHARME AL ; MORGAN FREDERICK ; LYS IHOR A ; DOWLING KEVIN ; MUELLER GEORGE G ; TULLMAN MATTHEW L ; MORGAN FREDERICK M ; DOWLING KEVIN J

Inventor(s): AL DUCHARME ; FREDERICK MORGAN ; IHOR A LYS ; KEVIN DOWLING ; KEVIN J DOWLING ; FREDERICK M MORGAN ; MATTHEW L TULLMAN

Agent(s): JENKINS PETER DAVID

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 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

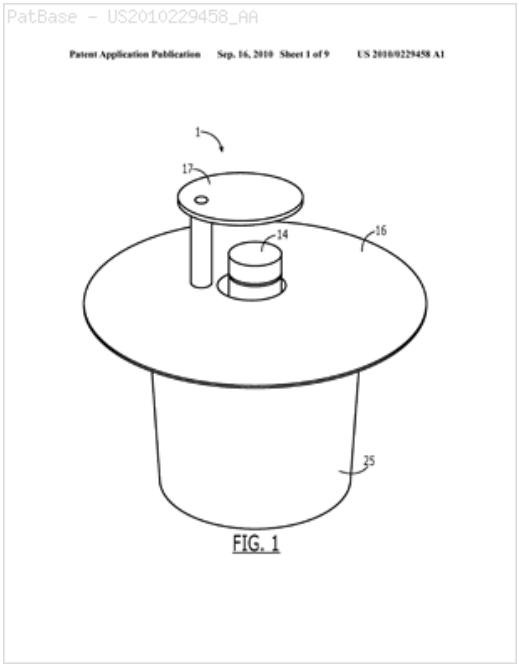
123) Family number: 44871265 (US2010229458A)

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Title: APPARATUS AND METHOD OF MOSQUITO CONTROL

Abstract: A mosquito control trap taking advantage of the normal stages of development for a mosquito. The trap including stagnant water trapped within a container by a weeping platform floating on top of the water. A series of holes in the weeping platform provide exposure of the water to form brood cups in which female mosquitoes lay eggs. In order to develop through the larva and pupa stage the developing insects must enter the larger reservoir of stagnant water, since there is insufficient room in the brood cups. However, the holes are too small to permit escape of the adult mosquito, thus preventing any of the eggs from developing. This device provides a means for controlling mosquitoes without the use of pesticides and is especially suitable for use in lesser developing countries.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
CPC: Y02A50/371 A01M1/106
European: A01M1/10F
US: 43/107 43/107P 43/132.1



Family:

Publication number	Publication date	Application number	Application date
US2010229458 AA	20100916	US20100758440	20100412
US7694455 BA	20100413	US20060643230	20061221
US8109035 BB	20120207	US20100758440	20100412

Priority:

US20050754065P 20051227 US20060643230 20061221 US20100758440 20100412

Probable Assignee: WAKE FOREST UNIV HEALTH SCIENCES

Assignee(s): (std): BOWDEN ROBERT LEE ; BOWDEN TIMOTHY EDWARD ; UNIV WAKE FOREST HEALTH ; UNIV WAKE FOREST HEALTH SCIENCES

Assignee(s): WAKE FOREST UNIV HEALTH SCIENCES ; WAKE FOREST UNIVERSITY HEALTH SCIENCES

Inventor(s): (std): BOWDEN ROBERT LEE ; BOWDEN TIMOTHY EDWARD

Agent(s): MYERS BIGEL SIBLEY AND SAJOVEC

124) Family number: 52370267 (US2014242135A)

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Title: COMPOSITIONS FOR INHIBITION OF INSECT SENSING

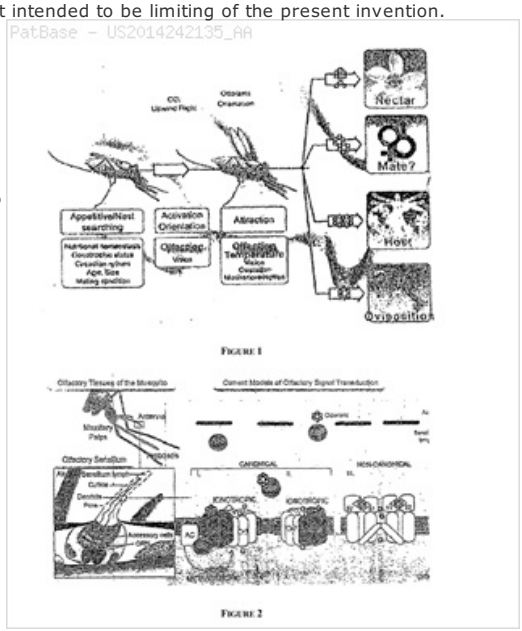
Abstract: In one aspect, the invention relates to chemical modulators of insect olfactory receptors. In particular, compounds and compositions are provided that can inhibit sensory (e.g., host targeting) functions in airborne insects such as mosquitos. Method of employing such agents, and articles incorporating the same, are also provided. This abstract is intended as a scanning tool for purposes of searching in the particular art and is not intended to be limiting of the present invention.

Classifications:

International (IPC 8-9): A01N A01N25/08 A01N25/34 A01N27/00 A01N29/02 A01N33/18 A01N33/22 A01N43/40 A01N43/653 A01N43/68 A01N43/707 A01N43/78 A01N43/82 A01N43/90 A01N47/08 A01N47/14 A01N47/16 A01N47/18 A01N53/00 A01N57/12 A01N57/14 A01N57/16 A01P17/00 A01P7/04 A1N43/82 C07D249/12 C07D401/04 C07D401/14 C07D403/04 C07D405/04 C07D405/06 C07D405/14 C07D409/04 C07D409/14 C07D413/14 C07D417/14 C07D471/04 C07D491/048 C07D491/052 C07D491/056 C07D513/04 (Advanced/Invention)

CPC: A01N43/90 A01N43/78 A01N43/653 A01N43/82 A01N25/34 A01N27/00 A01N29/02 A01N33/18 A01N33/22 A01N47/08 A01N47/14 A01N53/00 A01N57/12 A01N57/14 A01N57/16 A01N25/08 C07D401/04 C07D471/04 C07D405/14 C07D401/14 C07D491/056 C07D491/052 A01N47/18 C07D491/048 C07D409/04 A01N47/16 C07D409/14 C07D405/04 C07D249/12 C07D405/06 C07D403/04 C07D413/14 C07D513/04

US: 424/403 424/405 514/249 514/299 514/300 514/302 514/314 514/337 514/338 514/339 514/340 514/365 514/384 544/350 546/112 546/115 546/122 546/171 546/272.4 548/205 548/264.4



Family:

Publication number	Publication date	Application number	Application date
AU2012254032 AA	20121115	AU20120254032	20120425
AU2012254032 BB	20170223	AU20120254032	20120425
AU2017202652 AA	20170511	AU20170202652	20170421
AU2017202652 BB	20190606	AU20170202652	20170421
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CA2835328 AA	20131106	CA20122835328	20120425
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EP2704575 A4	20150610	EP20120781894	20120425
US2014242135 AA	20140828	US20120115553	20120425
US2017208809 AA	20170727	US20170443340	20170227
US2019075798 AA	20190314	US20180186106	20181109
US9578881 BB	20170228	US20120115553	20120425
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WO12154403 A2	20121115	WO2012US34847	20120425
WO12154403 A3	20140508	WO2012US34847	20120425
WO12154403 A9	20130103	WO2012US34847	20120425
ZA201309154 A	20160525	ZA20130009154	20120425

Priority:

US20110483440P 20110506 US20110483857P 20110509 US20110540929P 20110929
US20120586492P 20120113 US20120625602P 20120417 AU20120254032 20120425
US20120115553 20120425 WO2012US34847 20120425 US20140115553 20140502
US20170443340 20170227 AU20170202652 20170421 US20180186106 20181109

Probable Assignee: VANDERBILT UNIV

Assignee(s): (std): JONES PATRICK L ; KIM KWANGHO ; PASK GREGORY M ; REID PAUL R ; RINKER DAVID C ; WATERSON ALEX G ; UNIV VANDERBILT ; ZWIEBEL LAURENCE ; ROMAINE IAN M ; SULIKOWSKI GARY A ; TAYLOR ROBERT W

Assignee(s): VANDERBILT UNIV ; VANDERBILT UNIVERSITY

Inventor(s): (std): WATERSON ALEX G ; RINKER DAVID C ; PASK GREGORY M ; JONES PATRICK L ; ZWIEBEL LAURENCE ; KIM KWANGHO ; ROMAINE IAN M ; SULIKOWSKI GARY A ; TAYLOR ROBERT W ; REID PAUL R

Agent(s): GRIFFITH HACK; BERESKIN AND PARR LLP SENCRL SRL; HOEFER AND PARTNER; BALLARD SPAHR LLP; LANIER GIBSON J 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 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 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

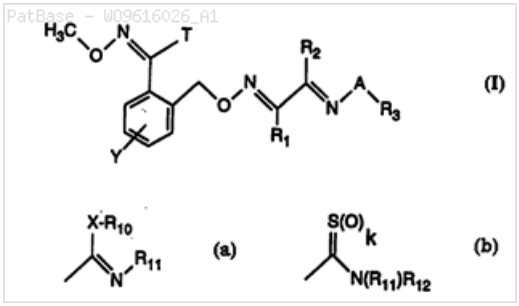
125) Family number: 8662267 (US5977182A)

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Title: O-BENZYL OXIME ETHER DERIVATIVES AND THEIR USE AS PESTICIDES

Abstract: PCT No. PCT/EP95/04357 Sec. 371 Date May 1, 1997 Sec. 102(e) Date May 1, 1997 PCT Filed Nov. 6, 1995 PCT Pub. No. WO96/16026 PCT Pub. Date May 30, 1996Compounds of formula (I), wherein Y is hydrogen, C1-C4alkyl, C1-C4alkoxy, OH, CN, NO2, Si(CH3)3, CF3 or halogen, and T is a group (a) or (b), and wherein the remaining substituents have the following definitions: X is O, S or NR13; A is O or NR4; R1 is hydrogen, C1-C4alkyl, halo-C1-C4alkyl, cyclopropyl, C1-C4alkoxymethyl, C1-C4alkoxy, C1-C4alkylthio or cyano; R2 is hydrogen, C1-C6alkyl, C3-C6cycloalkyl, cyano unsubstituted or substituted C1-C6alkoxycarbonyl, unsubstituted or substituted di(C1-C6alkyl)aminocarbonyl, unsubstituted or substituted C1-C6alkyl-S(O)q, unsubstituted or substituted aryl-S(O)q, unsubstituted or substituted heteroaryl, unsubstituted or substituted heterocyclyl, unsubstituted or substituted heterocyclylcarbonyl or unsubstituted or substituted phenyl; and R3 is hydrogen, unsubstituted or substituted alkyl, unsubstituted or substituted C3-C6cycloalkyl, unsubstituted or substituted phenyl or unsubstituted or substituted pyridyl; and wherein the remaining substituents are as defined herein, are pesticidal

active ingredients. They can be used in pest control, especially as microbicides, insecticides and acaricides in agriculture, in horticulture and in the hygiene sector.



Classifications:
International (IPC 8-9): A01C1/08 A01N35/10 A01N37/00 A01N37/34 A01N37/50 A01N37/52 A01N43/34 A01N43/36 A01N43/40 A01N43/653 A01N43/78 A01N55/10 A61K31/395 A61K31/44 C07C239/00 C07C251/38 C07C251/48 C07C251/52 C07C251/54 C07C251/58 C07C251/60 C07C255/62 C07C255/64 C07C257/06 C07C257/14 C07C257/22 C07C317/28 C07C317/32 C07C323/47 C07C325/02 C07C327/40 C07C327/44 C07C327/56 C07C327/58 C07D213/76 C07D213/77 C07D239/24 C07D249/08 C07D249/14 C07D263/14 C07D265/04 C07D277/10 C07D277/12 C07D277/28 C07D295/185 C07D295/30 C07D521/00 C07F7/10 (Advanced/Invention);
A01N37/34 C07D521/00 (Advanced/Non-invention);
A01C1/00 A01N35/00 A01N37/34 A01N37/44 A01N37/52 A01N55/00 C07C251/00 C07C255/00 C07C257/00 C07C317/00 C07C323/00 C07C327/00 C07D213/00 C07D277/00 C07D295/00 C07D521/00 (Core/Invention)
International (IPC 1-7): A01C1/08 A01N33/24 A01N35/10 A01N37/00 A01N37/34 A01N37/52 A01N43/40 A01N43/653 A01N43/78 A01N55/10 C07C239/00 C07C251/16 C07C251/48 C07C251/52 C07C251/54 C07C251/58 C07C251/60 C07C255/62 C07C255/64 C07C257/06 C07C317/28 C07C317/32 C07C323/47 C07C325/02 C07C327/40 C07C327/44 C07C327/56 C07C327/58 C07D213/76 C07D213/77 C07D239/24 C07D249/14 C07D263/14 C07D277/10 C07D277/12 C07D277/28 C07D295/185 C07D295/30 C07D521/00 C07F7/10
CPC: C07C2601/02 C07D295/185 A01N37/50 A01N37/52 C07C251/38 C07C251/48 C07C255/64 C07C257/06 C07C257/14 C07C257/22 C07D295/30
European: A01N37/50 A01N37/52 C07C251/38 C07C251/48 C07C255/64 C07C257/06 C07C257/14 C07C257/22 C07D295/185 C07D295/30 M07C101/02
US: 504/312 514/339 514/417 514/640 544/106 544/182 544/189 546/189 546/345 548/475

Family:

Publication number	Publication date	Application number	Application date
AR004465 AA	19981216	AR19950100180	19951115
AT187960 E	20000115	AT19950938422T	19951106
AU199539818 A1	19960617	AU19950039818	19951106
BRPI9509733 A	19971021	BR1995PI09733	19951106
CA2203507 AA	19970423	CA19952203507	19951106
CN1165511 A	19971119	CN19951096317	19951106
CZ9701493 A3	19980318	CZ19970001493	19951106
DE69514120 D1	20000127	DE19956014120	19951106
DE69514120 T2	20000810	DE19956014120T	19951106
DK0792261 T3	20000529	DK19950938422T	19951106
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EP0792261 B1	19991222	EP19950938422	19951106
ES2141394 T3	20000316	ES19950938422T	19951106
IL116001 A0	19960131	IL19950116001	19951115
JP10509156 T2	19980908	JP19960516492T	19951106
KR19977007082 A	19971201	KR19977003324	19951106
MX9703616 A1	19970830	MX19970003616	19951106
NO972256 A	19970516	NO19970002256	19970516
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PL320225 A1	19970915	PL19950320225	19951106
RU97110064 A	19990520	RU19970110064	19970617
SK61397 A3	19971105	SK19970000613	19951106
US5977182 A	19991102	US19970836176	19970501
WO9616026 A1	19960530	WO1995EP04357	19951106
ZA9509753 A	19960517	ZA19950009753	19951116

Priority:

CH19940003467 19941117 WO1995EP04357 19951106

Probable Assignee: NOVARTIS AG

Assignee(s): (std): CIBA GEIGY AG ; NOVARTIS FINANCE CORP ; NOVARTIS ERFIND VERWALT GMBH ; NOVARTIS ERFINDUNGEN VERWALTUN ; NOVARTIS BASEL AG ; NOVARTIS AG ; CIBA GEIGY ; NOVARTIS INT AG ; ZURFLUEH RENE ; ZIEGLER HUGO ; TRAH STEPHAN ; NOVARTOS AG

Assignee(s): NOVARTOS NOVARTIS S A NOVARTIS INC AG ; ZURFLUH RENE ; NOVARTOS AG NOVARTIS S A NOVARTIS INC ; BAYER AG ; NOVARTIS ERFINDUNGEN VERWALTUNGSGESELLSCHAFT MBH ; CIBA GEIGY A G ; NOVARTIS ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M B H

Inventor(s): (std): SURFLUEH RENE ; TRAH S ; TRAH STEPHAN ; ZIEGLER H ; ZIEGLER HUGO ; ZURFLUEH R ; ZURFLUEH RENE ; ZURFLUH RENE ; ZURFL H RENE

Inventor(s): H ZIEGLER ; HUGO ZIEGLER ; R ZURFLUEH ; RENE SURFLUEH ; RENE ZURFLUEH ; RENE ZURFLUH ; S TRAH ; STEPHAN TRAH

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; FETHERSTONHAUGH AND CO

Designated states: AL AM AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KP KR KZ LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TM TT UA UG US UZ VN

126) Family number: 3510272 (US5057315A)

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Title: METHOD AND DEVICE FOR THE BIOLOGICAL CONTROL OF COCKROACHES

Abstract: A convenient, economical, non-toxic and effective method and means for the control of roaches by administration of entomopathogenic fungi to the cockroaches. In the preferred embodiment, the roaches are exposed to the fungi by means of a contamination chamber having openings through which the cockroaches enter and come in contact with a living culture of a fungus which is pathogenic to cockroaches. The fungal spores attach to the roach, germinate and penetrate into the body of the cockroach, resulting in the death of the infected roach. Death takes approximately two to three weeks after contact

with the culture. During this time, the infected roach disseminates spores of the pathogenic fungus throughout the infested areas which may subsequently infect other roaches. Given the proper environmental conditions, the fungus sporulates on the cadaver of the roach and the conidia can be transmitted to other cockroaches, resulting in a further spread of the disease.

Classifications:

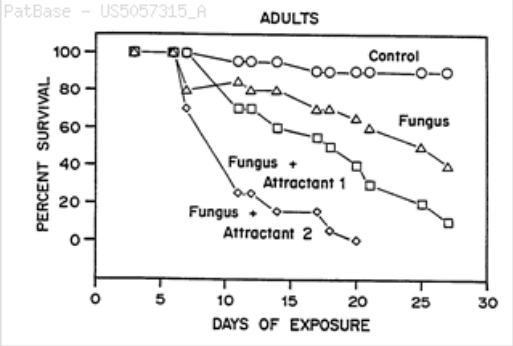
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A01M1/02 A01N63/00 (Advanced/Non-invention)

International (IPC 1-7): A01M1/00 A01M1/02 A01M1/10 A01M1/20 A01N25/00 A01N25/34 A01N63/00 A01N63/04

CPC: Y10S424/08 A01N25/006 A01N25/34 A01M1/2011 A01M1/2016 A01M2200/011 A01M2200/012 A01N63/04

European: A01M1/20B A01M1/20B1 A01M1/20B2 A01M1/20C A01N25/00B4 A01N25/34 A01N63/04 K01M200/011 K01M200/012 K01M201/01 K01M201/02

US: 424/195.15 424/195.16 424/405 424/84 424/93 424/93.3 424/93.5 424/93Q 424/DIG.8 43/121 43/131 43/132.1



Family:

Publication number	Publication date	Application number	Application date
AR247063 A1	19941130	AR19900316386	19900315
AU199049624 A1	19901009	AU19900049624	19900111
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BRPI9007207 A	19920317	BR1990PI07207	19900111
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CA2046884 C	19970211	CA19902046884	19900111
CA2089879 AA	19930218	CA19902089879	19900914
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EP0462978 A1	19920102	EP19900902478	19900111
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HU67879 A2	19950322	HU19930000481	19900914
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JP2554397 B2	19961113	JP19900502859T	19900111
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US5310552 A	19940510	US19920949756	19920923
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WO9010389 A1	19900920	WO1990US00274	19900111
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ZA9001980 A	19910227	ZA19900001980	19900315

Priority:

US19890324461 19890315
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US19920949765 19920923

Probable Assignee: VILLAGE FARMS LP

Assignee(s): (std): ECHOSCIENCE LAB INC ; ECOSCIENCE LAB INC ; ECOSCIENCE LAB INC N K A ECOSC ; ECOSCIENCE CORP

Assignee(s): EKOSAIENSU CORP ; VILLAGE RMS LP FA ; SILICON VALLEY BANK ; VILLAGE FARMS LP ; HSBC BANK CANADA ; HSBC BANK CANADA ADMINISTRATIVE AGENT ON BEHALF OF ; ECOSCIENCE LABORATORIES INC N K A ECOSCIENCE CORP ; HSBC BANK CANADA ADMINISTRATIVE AGENT ON BEHALF OF LENDERS AS ; GUNNER HAIM B ; MILLER DAVID W ; JOHNSON CAROL ANN ; ECOSCIENCE LABORATORIES INC ; ECHOSCIENCE LABORATORIES INC ; ECOSCIENCE CORP US ; ECOSCIENCE A DE CORP CORP ; ECOSCIENCE A OF DE CORP ; ECOSCIENCE A OF DELAWARE CORP ; AGRO POWER DEVELOPMENT INC ; AGUDELO SILVA FERNANDO ; BROZA MEIR ; COBANK ACB

Inventor(s): (std): AGUDELA SILVA FERNANDO ; AGUDELO SILVA FERNANDO ; BROZA MEIR ; CAROL ANN JOHNSON ; FERNANDO AGUDELO SILVA ; FUERUNANDO AGUDEROOSHIRUBA ; GUNNER HAIM B ; HAIM B GUNNER ; HAIMU BII GANAA ; JOHNSON CARLO ANN ; JOHNSON CAROL A ; JOHNSON CAROL ANN ; JOHNSON CAROLANN ; KIYARORU AN JIYONSON ; LEFEVRE VANESSA F ; MILLER DAVID W

Inventor(s): MILLER DAVID W US ; MEIR BROZA ; JONSON KYARORU AN ; GUNNER HAIM B US ; GANAA HAIMU BII ; DAVID W MILLER ; FERNANDO AGUDELA SILVA ; BROZA MEIR IL ; CARLO ANN JOHNSON ; AGUDEROOSHIRUBA FUERUNANDO ; AGUDELA SILVA FERNANDO US

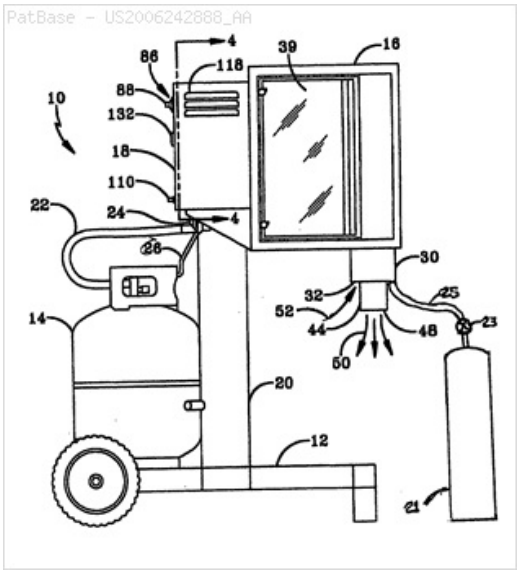
Agent(s): FB RICE; FB RICE PTY LTD; BERESKIN AND PARR; SANFORD TCOLB AND CO

Designated states: AT AU BE BR CA CH DE DK ES FR GB HU IT JP KR LI LU NL SE

127) Family number: 33583275 (US2006242888A)

Title: ATTRACTANT COMPOSITIONS AND METHOD FOR ATTRACTING BITING INSECTS

Abstract: The attractiveness of insects, particularly mosquitoes, to carbon dioxide-containing systems or traps can be significantly and synergistically increased if one of the following components is employed with carbon dioxide, namely: (a) NO_2 or a material producing NO_2, (b) NO_2 or a material producing NO_2, and NH_3 or ammonium salts of acids, (c) NO_2 or a material producing NO_2, and acetone, and (d) NO_2 or a material producing NO_2, NH_3 or ammonium salts of acids, and acetone.



Classifications:
International (IPC 8-9): A01M1/02 A01M1/06 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
CPC: A01M1/023 A01M1/06
European: A01M1/02C A01M1/06
US: 43/107 43/139

Family:

Publication number	Publication date	Application number	Application date
US2006242888 AA	20061102	US20060411308	20060426

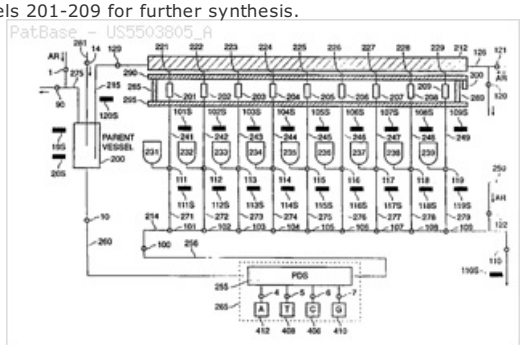
Priority:
US20050675359P 20050427 US20060411308 20060426

Probable Assignee: BEDOUKIAN RESEARCH INC
Assignee(s): (std): BEDOUKIAN RES INC
Assignee(s): BEDOUKIAN RESEARCH INC
Inventor(s): (std): BEDOUKIAN ROBERT H
Inventor(s): BEDOUKIAN ROBERT
Agent(s): GEORGE W RAUCHFUSS JR OHLANDT GREELEY RUGGIERO AND PERLE LLP

128) Family number: 23478278 (US5503805A)

Title: APPARATUS AND METHOD FOR PARALLEL COUPLING REACTIONS

Abstract: A device and method for efficiently synthesizing diverse molecular products on substrates. A parent vessel 200 contains a suspension of substrates. The suspension is pressurized with argon and transferred to a plurality of reaction vessels 201-209 in one or more reaction vessel banks where monomer addition reactions take place. Optionally, the substrates may be tagged with a tag monomer. A vortexing motor 300 vortexes the contents of reaction vessels 201-209 during monomer addition reactions to enhance synthesis. After the desired monomer and/or tag monomer addition reaction, the suspension is pressurized with argon and transferred back to parent vessel 200 for mixing. Thereafter, the suspension may be pressurized with argon and reallocated among reaction vessels 201-209 for further synthesis.



Classifications:
International (IPC 8-9): B01J19/00 C07B61/00 C07H19/10 C07H19/14 C07H21/00 C07H21/02 C07H21/04 C07K1/04 C07K1/06 C07K1/13 C07K17/00 C07K17/06 C07K5/00 C07K7/00 C08F2/00 C08F8/00 C08G85/00 C12M1/00 C12N15/09 C12Q1/68 C12Q1/6811 C12Q1/6813 C12Q1/6874 C40B40/06 C40B40/10 C40B40/12 C40B60/14 C40B70/00 G01J1/42 G01N21/27 G01N33/58 G02B27/30 G02B6/10 (Advanced/Invention);
C07B61/00 C07K1/04 C07K1/06 C07K5/00 C07K7/00 C08F8/00 C08G85/00 C12M1/00 C12N15/09 C40B40/06 C40B40/10 C40B40/12 C40B60/14 C40B70/00 G01J1/42 G01N21/62 (Advanced/Non-invention);
B01J19/00 C07B61/00 C07H21/00 C07K1/00 C12M1/00 C12N15/09 C12Q1/68 G01J1/42 G01N21/25 (Core/Invention);
C40B40/04 C40B60/14 (Core/Non-invention)
International (IPC 1-7): A01N43/72 A61K31/70 A61K38/00 B01J20/26 C07B61/00 C07H19/00 C07H21/00 C07H21/02 C07H21/04 C07K1/00 C07K1/04 C07K1/06 C07K1/13 C07K17/06 C07K17/08 C07K17/14 C07K5/00 C07K5/10 C07K7/00 C07K7/06 C08F2/00 C08F2/06 C08F8/00 C08G85/00 C12M1/00 C12M1/02 C12M1/34 C12N15/00 C12N15/09 C12N15/10 C12N15/11 C12P19/34 C12Q1/00 C12Q1/68 C12Q1/70 G01J1/42 G01N15/06 G01N21/27 G01N21/62 G01N33/00 G01N33/53 G01N33/543 G01N33/566 G01N33/58 G02B27/30 G02B6/10 G05B17/00
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European: B01J19/00C B01J19/00R C07H19/10 C07H19/14 C07H21/00 C07K1/04C C12Q1/68A8 C12Q1/68B C12Q1/68E4 L01J219/00C10B L01J219/00C10B2 L01J219/00C10B4 L01J219/00C10B8 L01J219/00C2B2D L01J219/00C2B4 L01J219/00C2B4B L01J219/00C2B4D L01J219/00C2D12 L01J219/00C2D12J2 L01J219/00C2D16 L01J219/00C2D20 L01J219/00C2H2 L01J219/00C2H2D L01J219/00C2J4 L01J219/00C2K L01J219/00C2L2 L01J219/00C2L3 L01J219/00C2L8H L01J219/00C2N10 L01J219/00C2N12 L01J219/00C2N14 L01J219/00C2N14B L01J219/00C2N14D L01J219/00C2N2 L01J219/00C2N4 L01J219/00C2N6 L01J219/00C2N8 L01J219/00C4B L01J219/00C4D L01J219/00C4F L01J219/00C4H L01J219/00C6F2 L01J219/00C6J L01J219/00C6L M07B200/11 M40B40/06 M40B40/10 M40B40/12 M40B60/14 M40B70/00
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Family:

Publication number	Publication date	Application number	Application date
AT148889 E	19970215	AT19920920422T	19920916
AU199226619 A1	19930427	AU19920026619	19920916
AU199511280 A1	19950523	AU19950011280	19941102
AU669489 B2	19960613	AU19920026619	19920916
AU703472 B2	19990325	AU19950011280	19941102
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Priority:

US19910762522 19910918 EP19920920422 19920916 US19920946239 19920916
WO1992US07815 19920916 US19930146886 19931102 US19930149675 19931102
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Probable Assignee: AFFYMAX INC

Assignee(s): (std): AFFYMAX TECH NV ; DOWER WILLIAM J ; RAVA RICHARD P ; GALLOP MARK A ; BARRETT RONALD W ; SUGARMAN JEFFREY H ; NEEDELS MICHAEL C ; KEDAR HAIM ; AFFYMAX INC

Assignee(s): AFFYMAX TECH N V ; AFFYMAX TECHNOLOGIES N V ; AFFYMAX TECHNOLOGIES N V WILLEMSTAD CURACAO AN ; SMITHKLIN BEECHAM CORP ; AFFYMAX TECHNOLOGIES NV ; IRORI DISCOVERY INC ; NEXUS BIOSYSTEMS INC ; SMITHKLINE BEECHAM CORP

Inventor(s): (std): SUGARMAN JEFFREY J ; SUGARMAN JEFFREY H ; RAVA RICHARD P ; NEEDELS MICHAEL C ; NEEDELS MICHAEL ; GALLOP MARK A ; GALLOP MARK ; DOWER WILLIAM J ; DOWER WILLIAM ; BARRETT RONALD W ; BARRETT RONALD ; KEDAR HAIM

Inventor(s): JEFFREY H SUGARMAN ; HAIM KEDAR ; WILLIAM J DOWER ; MICHAEL C NEEDELS ; MARK A GALLOP ; RONALD W BARRETT ; RICHARD P RAVA

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; SMART AND BIGGAR

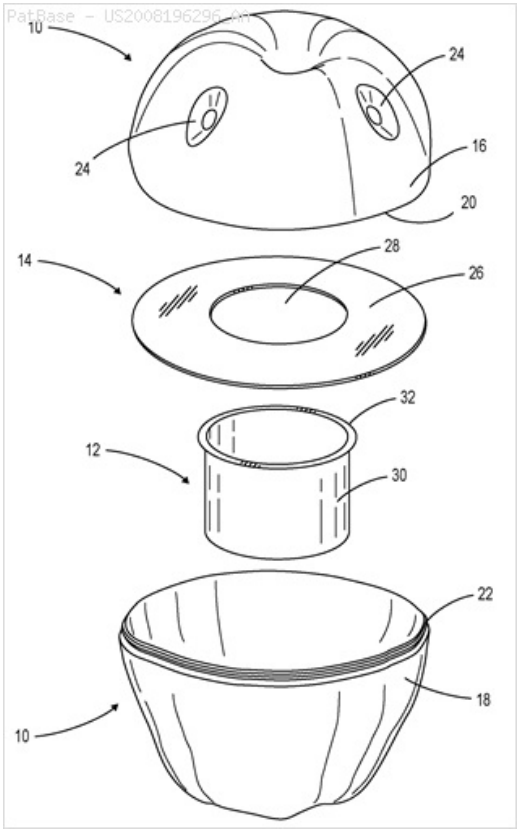
Designated states: AM AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IT JP KE KG KP KR KZ LI LK LR LT LU LV MC MD MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SI SK SN SZ TD TG TJ TT UA US UZ VN

129) Family number: 42111278 (US2008196296A)

Title: FRUIT-SHAPED FRUIT FLY TRAP

Abstract: A fruit fly trap whose exterior shape represents a piece of fruit such as an apple, orange, banana or the like. The trap housing includes a bottom base portion and a top cover portion. The cover contains various holes through which fruit flies can gain access to the interior of the trap. The trap also includes a locking mechanism for securing the base and cover together. Located inside the trap is a natural product attractant stored within the interior of the trap. The construction of the trap is such that the liquid or powder attractant is retained inside the trap so it will not spill out. Also, a disabling adhesive is located on a glueboard insert and/or on the interior walls of the trap. Thus, when fruit flies enter the trap they will get caught in the adhesive or simply die because they cannot escape.

Classifications:
International (IPC 8-9): A01M1/10 A01M1/14 (Advanced/Invention); A01M1/00 (Core/Invention)
CPC: A01M1/02 A01M1/14 A01M2200/012
European: A01M1/02 A01M1/14 K01M200/012
US: 43/107 43/114 43/122



Family:

Publication number	Publication date	Application number	Application date
US2008196296 AA	20080821	US20070676792	20070220

Priority:
US20070676792 20070220

Probable Assignee:	GARDNER MFG CO INC
Assignee(s): (std):	JONES TIM ; STUDER BRUCE R
Assignee(s):	GARDNER MFG ; GARDNER MFG CO INC
Inventor(s): (std):	JONES TIM ; STUDER BRUCE R
Agent(s):	JAMES P RIEKE ESQ NIKOLAI AND MERSEREAU PA

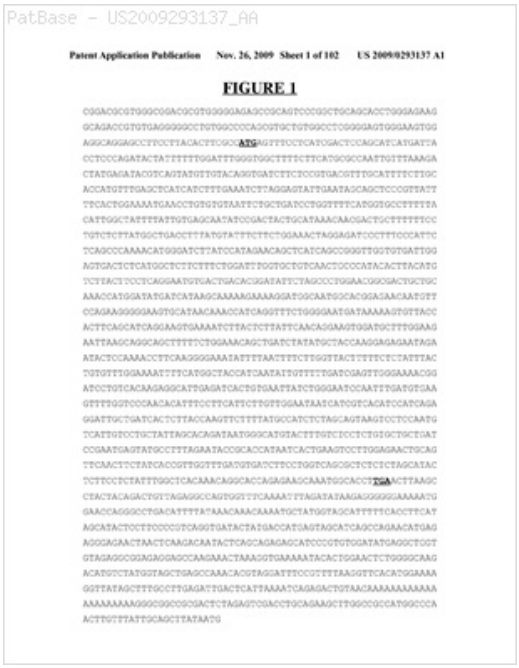
130) Family number: 34894284 (US2009293137A)

Title: NOVEL GENE DISRUPTIONS, COMPOSITIONS AND METHODS RELATING THERETO

Abstract: The present invention relates to transgenic animals, as well as compositions and methods relating to the characterization of gene function. Specifically, the present invention provides transgenic mice comprising disruptions in PRO218, PRO228, PRO271, PRO273, PRO295, PRO302, PRO305, PRO326, PRO386, PRO655, PRO162, PRO788, PRO792, PRO940, PRO941, PRO1004, PRO1012, PRO 1016, PRO474, PRO5238, PRO1069, PRO1111, PRO1113, PRO1130, PRO1195, PRO1271, PRO1865, PRO1879, PRO3446, PRO3543, PRO4329, PRO4352, PRO5733, PRO9859, PRO9864, PRO9904, PRO9907, PRO10013, PRO90948, PRO28694, PRO16089, PRO19563, PRO19675, PRO20084, PRO21434, PRO50332, PRO38465 or PRO346 genes. Such in vivo studies and characterizations may provide valuable identification and discovery of therapeutics and/or treatments useful in the prevention, amelioration or correction of diseases or dysfunctions associated with gene disruptions such as neurological disorders; cardiovascular, endothelial or angiogenic disorders; eye abnormalities; immunological disorders; oncological disorders; bone metabolic abnormalities or disorders; lipid metabolic disorders; or developmental abnormalities.

Classifications:
International (IPC 8-9): A01K67/02 A01K67/027 A61K39/395 A61K45/00 A61K49/00 A61P1/04 A61P1/16 A61P11/06 A61P13/12 A61P17/06 A61P19/00 A61P19/02 A61P19/08 A61P19/10 A61P21/00 A61P25/00 A61P25/16 A61P25/18 A61P25/22 A61P25/24 A61P25/28 A61P27/02 A61P27/12 A61P29/00 A61P3/00 A61P3/06 A61P3/10 A61P35/00 A61P37/02 A61P37/06 A61P37/08 A61P7/02 A61P9/00 A61P9/04 A61P9/10 A61P9/12 A61P9/14 C07K16/18 C12N15/09 C12N15/10 C12N5/06 C12N5/10 C12Q1/00 C12Q1/02 C12Q1/68 G01N33/00 G01N33/15 G01N33/50 (Advanced/Invention); A01K67/027 C07K16/28 C12N15/09 (Advanced/Non-invention); A01K67/02 A01K67/027 A61K39/395 A61K45/00 A61K49/00

A61P1/00 A61P11/00 A61P13/00 A61P17/00 A61P19/00 A61P21/00 A61P25/00 A61P27/00 A61P29/00 A61P3/00 A61P35/00 A61P37/00 A61P7/00 A61P9/00 C07K16/18 C12N15/09 C12N5/06 C12N5/10 C12Q1/02 C12Q1/68 G01N33/15 G01N33/50 (Core/Invention); A01K67/027 C07K16/18 (Core/Non-invention); A01K A61K (Subclass/Invention)
CPC: C12Q2600/158 C12Q1/6883 A01K67/0276 A01K2217/075 A01K2227/105 A01K2267/03 A61K49/0008 C12N15/8509
European: A01K67/027M2 A61K49/00H6 C12N15/85A C12Q1/68M6 K01K217/07B K01K227/10M K01K267/03
US: 424/130.1 424/130.100P 424/139.1 424/139.100S 435/29 435/29S 435/325 435/325S 435/352 435/352S 530/387.9 530/387.900S 800/3 800/3P 800/3S



Family:

Publication number	Publication date	Application number	Application date
AU2006335053 AA	20070719	AU20060335053	20061116
AU2006335053 AH	20090129	AU20060335053	20061116
CA2630432 AA	20080520	CA20062630432	20061116
EP1962584 A2	20080903	EP20060849173	20061116
EP2002714 A1	20081217	EP20080012287	20061116
JP2009516514 T2	20090423	JP20080541480T	20061116
US2009293137 AA	20091126	US20060814413	20061116
US2011182883 AA	20110728	US20110040049	20110303
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ZA200904181 A	20100331	ZA20090004181	20090615
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ZA200904184 A	20100331	ZA20090004184	20090615
ZA200904186 A	20100331	ZA20090004186	20090615
ZA200904187 A	20100331	ZA20090004187	20090615
ZA200904188 A	20100331	ZA20090004188	20090615
ZA200904189 A	20100331	ZA20090004189	20090615

Priority:

US20050739105P 20051121 EP20060849173 20061116 WO2006US60990 20061116
US20060814413 20061116 US20070814413 20070720 US20110040049 20110303

Probable Assignee: LEXICON PHARMACEUTICALS INC

Assignee(s): (std): MASSEY ERIN MARIE ; MONTGOMERY CHARLES A ; PHILLIPS HEIDI ; MINZE LAURIE JEANETTE ; SHI ZHENG ZHENG ; LEXICON GENETICS INC ; SPARKS MARY JEAN ; MCLAIN DINA REBECCA ; RANGEL CAROLINA ; TOWNSEND TERESA GAIL ; PAYNE BOBBY JOE ; STALA JOY ; SEVAUX TRACY ELLEN WILLIS ; STALA JOY ANNE ; LEXICON PHARMACEUTICALS INC ; MONTGOMERY CHARLES ; WILLIS SEVAUX TRACY ELLEN ; VOGEL PETER ; BYERS HORNER ALLISON ANNE ; COMBS KATHERIN ; COMBS KATHERIN E ; DE SAUVAGE FREDERIC ; FAN LIANGFEN ; JUNUTULA JAGATH REDDY ; GENENTECH INC ; DESAUVAGE FREDERIC ; IRVING BRYAN ; FILVAROFF ELLEN ; HORNER ALLISON ANNE BYERS

Assignee(s): GENETECH INC

Inventor(s): (std): MASSEY ERIN MARIE ; MCLAIN DINA REBECCA ; MINZE LAURIE JEANETTE ; MONTGOMERY CHARLES ; MONTGOMERY CHARLES A ; PAYNE BOBBY JOE ; PHILIPS HEIDI ; PHILLIPS HEIDI ; RANGEL CAROLINA ; SEVAUX TRACY E W ; SEVAUX TRACY ELLEN WILLIS ; SHI ZHENG ZHENG ; SPARKS MARY JEAN ; STALA JOY ; STALA JOY ANNE ; TOWNSEND TERESA G ; TOWNSEND TERESA GAIL ; VOGEL PETER ; WILLIS SEVAUX TRACY ELLEN ; BYERS HORNER ALLISON ANNE ; COMBS KATHERIN ; COMBS KATHERIN E ; DE SAUVAGE FREDERIC J ; DESAUVAGE FREDERIC ; FAN LIANGFEN ; FILVAROFF ELLEN ; HORNER ALLISON A B ; HORNER ALLISON ANNE BAYER ; HORNER ALLISON ANNE BYERS ; IRVING BRYAN ; JUNTULA JAGATH REDDY ; JUNUTULA JAGATH REDDY ; MINZE LAURIE JEANNETTE ; DE SAUVAGE FREDERIC

Inventor(s): CHARLES A MONTGOMERY ; CAROLINA RANGEL ; BRYAN IRVING ; BOBBY JOE PAYNE ; ALLISON ANNE BYERS HORNER ; ALLISON ANNE BAYER HORNER ; MARY JEAN SPARKS ; LIANGFEN FAN ; LAURIE JEANETTE MINZE ; KATHERIN COMBS ; JOY STALA ; JAGATH REDDY JUNUTULA ; HEIDI PHILLIPS ; FREDERIC DESAUVAGE ; ERIN MARIE MASSEY ; ELLEN FILVAROFF ; DINA REBECCA MCLAIN ; KATHERIN E COMBS ; ZHENG ZHENG SHI ; TRACY ELLEN WILLIS SEVAUX ; TERESA GAIL TOWNSEND ; PETER VOGEL

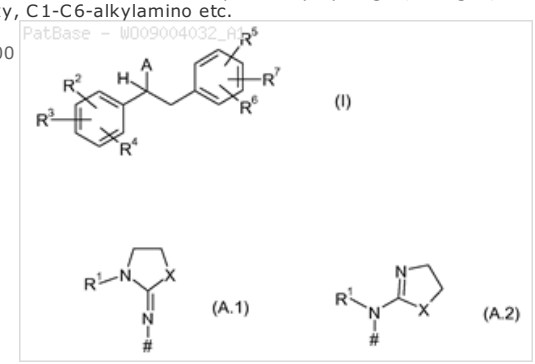
Agent(s): GRIFFITH HACK; SMART AND BIGGAR; DENISON CHRISTOPHER MARCUS ET AL; GENENTECH INC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM 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 MG MK ML MN MR 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

131) Family number: 42780285 (US2010280078A)

Title: 1-(AZOLIN-2-YL)AMINO-1,2-DIPHENYLETHANE COMPOUNDS FOR COMBATING ANIMAL PESTS

Abstract: The present invention relates to 1-(azolin-2-yl)amino-1,2-diphenylethane compounds of the formula I and to their salts which are useful for combating animal pests. The invention also relates to a method for controlling animal pests by using these compounds, to seed and to an agricultural and veterinary composition comprising said compounds. wherein A is a radical of formulae A.1 or A.2 wherein # denotes the bond to the remaining compound of formula I, X is selected from O, S and NRX, R1 is selected from the group consisting of -ORA, -NRB1RB2, C(-O)-RC, -C(-O)-ORD, -C(-O)-SRE, -C(-O)-NRB1RB2', -C(-S)-RC', -C(-S)-ORD', -C(-S)-SRE', -C(-S)-NRB1RB2, -C(-NR1a)-RC', -C(-NR1b)-ORD', -C(-NR1c)-SRE', -C(-NR1d)-NRB1RB2, -S(-O)-RF, -S(-O)2-RG, -S(-O)2-NRB1RB2', -P(-O)RH1RH2, -P(-S)RH1RH2, -B-C(-O)-RI, -B-O-C(-O)-RI, -B-S-C(-O)-RI, -B-N(RJ)-C(-O)-RK, -B-C(-S)-RK, -B-O-C(-S)-RK, -B-S-C(-S)-RK, -B-N(RJ)-C(-S)-RK, C1-C8-alkenyl, C1-C8-alkynyl, C3-C8-cycloalkyl, which is unsubstituted or may carry 1 to 4 substituents R1e, naphthyl, which is unsubstituted or may carry 1 to 4 substituents R1f, a saturated or partially unsaturated heterocycle, which is unsubstituted or may carry 1 to 4 substituents R1g, hetaryl, which is unsubstituted or may carry 1 to 4 substituents R1h, and C1-C6-alkyl, which carries a radical selected from the group consisting of -NR1iR1j, C1-C4-alkoxycarbonyl, C3-C8-cycloalkyl, aryl, aryloxy, arylthio, heterocyclyl, heterocyclyloxy and heterocyclylthio, R2, R3, R4, R5, R6 and R7 are each independently hydrogen, halogen, OH, SH, NH2, SO3H, COOH, cyano, nitro, C1-C6-alkyl, C1-C6-alkoxy, C1-C6-alkylamino etc.



Classifications:

International (IPC 8-9)**:** A01N43/50 A01N43/76 A01N43/78 A01P5/00 A01P7/00 A01P7/02 A01P7/04 A61K31/42 A61K31/421 A61K31/425 A61K31/426 A61K31/427 A61K31/4439 A61K31/455 A61P33/00 A61P33/14 C07D233/44 C07D233/48 C07D233/50 C07D263/00 C07D263/28 C07D277/00 C07D277/18 C07D417/06 C07D417/12 C07D417/14 C07D471/06 (Advanced/Invention);
A01N43/50 C07D233/48 C07D263/28 C07D277/18 (Advanced/Non-invention);
A01N43/48 A01N43/72 C07D233/00 C07D263/00 C07D277/00 C07D417/00 (Core/Invention);
C07D (Subclass/Invention)

International (IPC 1-7)**:** A01N43/50 A01N43/76 A01N43/78 C07D233/48 C07D263/28 C07D277/18 C07D417/04 C07D417/12 C07D471/06

CPC: A01N43/76 A01N43/78 A01N47/12 A01N47/16 C07D417/06 C07D417/12 C07D263/28 A01N43/50 C07D233/48 C07D277/18

European: A01N43/50 A01N43/76 A01N43/78 A01N47/12 A01N47/16 C07D233/48 C07D263/28 C07D277/18 C07D417/06 C07D417/12

US: 514/342 514/370 514/370S 514/377 514/377S 546/270.7 546/270.700S 548/190 548/190S 548/193 548/193S 548/194 548/196 548/196S 548/200 548/233 548/233S

Family:

Publication number	Publication date	Application number	Application date
AR066159 AA	20090729	AR2008P102890	20080703
AU2008270332 AA	20090108	AU20080270332	20080702
AU2008270332 BB	20121115	AU20080270332	20080702
BRPI0813488 A2	20150106	BR2008PI13488	20080702
CA2691573 AA	20090108	CA20082691573	20080702
CL2008001976 A1	20090925	CL20080001976	20080703
CN101687813 A	20100331	CN200880023200	20080702
CR11166 A	20100421	CR20090011166	20091215
DE602008025449 D1	20130814	DE200860025449T	20080702
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EP2176232 B1	20130619	EP20080774651	20080702
ES2432846 T3	20131205	ES20080774651T	20080702
IL202658 A0	20100630	IL20080202658	20080702
IN04523KN2009 A	20100423	IN2009KN04523	20091229
IN268702 B	20150918	IN2009KN04523	20091229
JP2010531853 T2	20100930	JP20100513979T	20080702
JP5518701 B2	20140611	JP20100513979T	20080702
KR20100040312 A	20100419	KR20107002380	20080702
MA31463 B1	20100601	MA20090032449	20091224
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PE07372009 A1	20090723	PE20080001127	20080703
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TW200909421 A	20090301	TW20080124925	20080702
US2010280078 AA	20101104	US20080667299	20080702
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WO09004032 A1	20090108	WO2008EP58517	20080702
ZA201000732 A	20110428	ZA20100000732	20100201

Priority:

US20070958134P 20070703 EP20080774651 20080702 WO2008EP58517 20080702 US20080667299 20080702

Probable Assignee: BASF SE

Assignee(s): (std)**:** ANSPAUGH DOUGLAS D ; BASF AG ; BASF SE ; BAUMANN ERNST ; KORADIN CHRISTOPHER ; KORDES MARKUS ; OLOUMI SADEGHI HASSAN ; CULBERTSON DEBORAH L ; EBUENGA CECILE ; LE VEZOUET RONAN ; EBUENGA CECILLE

Inventor(s): (std)**:** CULBERSTON DEBORAH L ; CECILLE EBUENGA ; CHRISTOPHER KORADIN DR ; KORDES MARKUS DR ; ANSPAUGH DOUGLAS D DR ; LE VEZOUET RONAN DR ; ERNST BAUMANN DR ; VEZOUET RONAN LE ; VEZQUET RONAN LE ; ANSPAUGH DOUGLAS D ; LE VEZOUET RONAN ; EBUENGA CECILE ; CULBERTSON DEBORAH L ; OLOUMI SADEGHI HASSAN ; KORDES MARKUS ; BAUMANN ERNST ; KORADIN CHRISTOPHER ; RONANC LE VEZOUET ; ERNSTC BAUMANN ; MARKUS KORDES ; HASSAN OLOUMI SADEGHI ; CHRISTOPHERC KORADIN ; EBUENGA CECILLE ; OLOUMI SADEGHI HASSAN DECEASED

Inventor(s): RONAN LE VEZQUET ; CECILE EBUENGA ; OLOUMI-SADEGHI, HASSAN ; CULBERTSON DEBORAH L FUQUAY VARINA ; OLOUMI SADEGHI HASSAN RALEIGH ; ANSPAUGH DOUGLAS D APEX ; BAUMANN ERNSTC ; LE VEZOUET RONANC ; KORADIN CHRISTOPHERC ; DR BAUMANN ERNST ; DR DOUGLAS D ANSPAUGH ; DR VEZOUET RONAN LE ; DR KORADIN CHRISTOPHER ; DR MARKUS KORDES ; CULBERTSON DEBORAH L AND ; DOUGLAS D ANSPAUGH ; RONAN LE VEZOUET ; DEBORAH L CULBERTSON ; ERNST BAUMANN ; CHRISTOPHER KORADIN

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; HARNECKER; REITSTOETTER KINZEBACH; CARVAJAL Y ISABEL; ARAI EIICHI; FUJITA TAKASHI; ISHII SADAJI; HIRAKI YUSUKE; BRINKS HOFER GILSON AND LIONE; REITSTOETTER KINZEBACH AND PARTNER

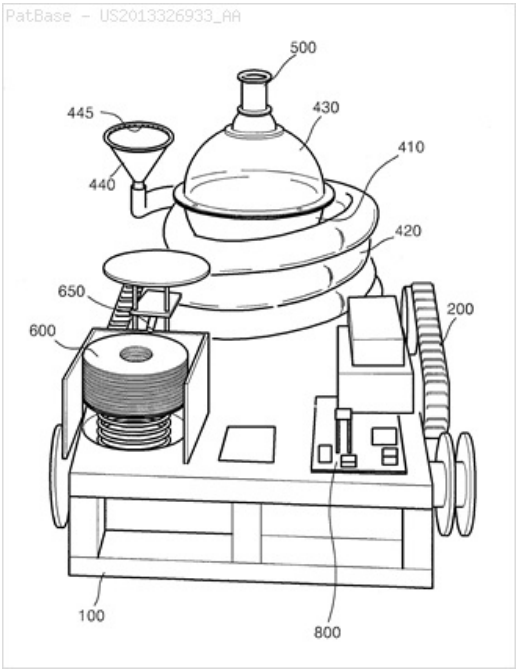
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ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

132) Family number: 52920285 (US2013326933A)

Title: FLY EXTERMINATING APPARATUS

Abstract: Provided is a fly exterminating apparatus where flies are attracted to a main body that is movable in an orbital-to-spin method and then are suctioned and captured by a vacuum negative pressure. Also, a shock generation part that generates an electrical shock due to current by being associated with the moving main body when contacting the flies is provided to exterminate the flies; a reflective plate that discombobulates the flies to make away with the flies is disposed to exterminate the flies through various methods. The fly exterminating apparatus includes a main body on which a caterpillar that orbitally rotates and wheels are disposed on a lower portion thereof to move in an orbital-to-spin method, an attracting unit mounted on the main body to attract flies, and a capture unit connected to the attracting unit to suction the flies attracted by the attracting unit by using a vacuum negative pressure.

Classifications:
International (IPC 8-9): A01M1/06 A01M1/08 A01M5/04 A01M5/08 (Advanced/Invention)
CPC: A01M5/04 A01M5/08 A01M1/04 A01M1/2022 A01M1/223 A01M5/00 A01M1/08
US: 43/140



Family:

Publication number	Publication date	Application number	Application date
KR101227451 B1	20130201	KR20120062449	20120612
US2013326933 AA	20131212	US20130907959	20130602

Priority:

KR20120062449 20120612

Probable Assignee: JUNG MYONG CHOL

Assignee(s): (std)**:** JUNG MYONG CHOL ; JUNG MYOUNG CHOL

Inventor(s): (std)**:** JUNG MYOUNG CHOL ; JUNG MYONG CHOL

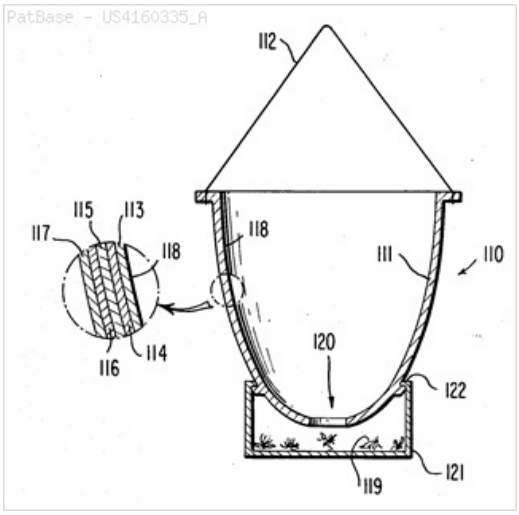
133) Family number: 5283287 (US4160335A)

Title: DISPENSERS FOR THE CONTROLLED RELEASE OF PEST-CONTROLLING AGENTS AND METHODS FOR COMBATTING PESTS THEREWITH

Abstract: Articles of manufacture are disclosed for the controlled delivery of pest controlling substances. Methods for producing such articles and utilizing them in pest control programs are also described. Laminated articles are provided which comprise one or more layers containing active pest control and pest attractant substances and which allow the controlled release of the pest controlling substance from within the laminate to the surface of the laminate so as to maximize efficiency against target species in the surrounding environment. The laminated structure also permits prolonged, controlled release of pest controlling substances and properly timed combinations of such substances that might otherwise be prematurely dissipated, decomposed or inefficiently applied. Various combinations of polymeric materials and active agents and a number of different laminated structures are utilized to optimize efficient use of the pest controlling substance against a variety of target species.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/20 A01N25/18

B32B27/00 (Advanced/Invention);
A01M1/02 A01M1/20 A01N25/18 (Advanced/Non-invention);
A01M1/02 A01M1/20 A01N25/18 B32B27/00 (Core/Invention)
International (IPC 1-7): A01M1/00 A01M1/02 A01M1/10 A01M1/14 A01M1/20 A01M11/00 A01M13/00 A01M7/00 A01N17/00 A01N17/08 A01N17/12 A01N17/14 A01N25/18 A01N25/34 A01N9/00 A01N9/36 B32B27/08 B32B33/00 B65D
CPC: Y10S428/907 Y10T156/1084 Y10T428/249953 Y10T428/31504 B32B1/02 B32B7/12 B32B27/18 B32B27/304 B32B2250/02 B32B2250/24 B32B2327/06 B32B27/00
European: 45L3K3A 45L5B B32B27/00
US: 156/269 424/409 424/410 424/83 424/84 428/304.4 428/411.1 428/907 43/111 43/131 43/132.1 514/122 514/137 514/748 514/83



Family:

Publication number	Publication date	Application number	Application date
AR198257 A1	19740607	AR19730250852	19731105
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Priority:

US19720305032 19721109 US19740535658 19741223 US19770764312 19770131
US19780961893 19781117 US19810304496 19810922

Probable Assignee: ABERDEEN ROAD CO

Assignee(s): (std): HERCULITE PROTECTIVE FAB

Assignee(s): HERCULITE PRODUCTS INC ; HERCULITE PROTECTIVE FAB CORP ; HERCULITE PROTECTINE FABRICS CORP ; HERCULITE PROTECTIVE FABRIC CORP US ; HERCULITE PROTECTIVE FABRIC CORP ; HERCULITE PROTECTIVE FABRICS CORP ; HERCULITE PROTECTIVE FABRICS CORP 1107 BROADWAY NEW YORK NEW YORK E U A ; IBJ SCHRODER BANK AND TRUST CO ; HERCULITE PROTECTIVE FABRICS CORP NEW YORK N Y V ; HERCULITE UROTECTIVE FABRICS CORP ; HERCULITE PROTECTIVE FABRICS CORP NEW YORK N Y V ST A ; KYDONIEUS AGIS F ; VON KOHORN HENRY ; IBJ SCHRODER BANK AND TRUST CO AGENT AS ; ABERDEEN ROAD CO ; BANK OF TOKYO TRUST CO ; FIRST NATIONAL BANK OF MARYLAND ; HAAKYURAITO PUROTEKUTEIBU FUABURIKUSU CORP

Inventor(s): (std): KOHORN H VON ; KYDONIEUS A ; KYDONIEUS A F ; KYDONIEUS AGIS F ; VON KOHORN H ; VON KOHORN HENRY ; KYDONIEUS AGISA F ; KYDONIEUS AGIS FRANK ; KOHORN HENRY VON

Inventor(s): HENRII FUON KOHOON ; AGISU FURANKU KIDONIUSU ; KOHORN HENRY VON GREENWICH CONN ; KYDONIEUS AGIS FRANK KENDALL PARK N J ; KYDONIEUS AGIS FRANK KENDALL PARK NJ ; A F KYDONIEUS ; AFKYDONIEUS ; AGIS FRANK KYDONIEUS ; H VON KOHORN ; HENRY VON KOHNEN AGIS FRANK KYDONIEUS ; HENRY VON KOHORN

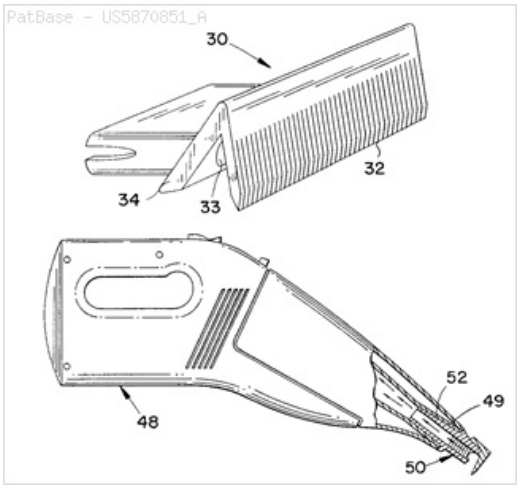
Agent(s): DR YITZHAK HESS AND PARTNERS

134) Family number: 11134287 (US5870851A) © PatBase

Title: Flea removal assembly and conversion kit

Abstract: The assembly of the invention comprises a comb externally disposed at one end of a housing member adjacent an air inlet opening for separating fleas from the outer skin of an animal. A specific embodiment comprises a retrofit kit combination for converting a hand-held battery-powered vacuum cleaner into a flea removal assembly. A comb assembly has a structural configuration effective to fit in registered alignment with the air inlet opening of the vacuum cleaner for separating fleas from the outer skin of an animal. The comb may be coupled in a fixed manner or be removably secured to the outer distal end of the housing member adjacent the air inlet opening. A flea disposal module is effective to entrap fleas separated from the outer skin of an animal with the comb and subsequently carried into the air inlet opening of the housing member when the suction providing mechanism of the vacuum cleaner operates to produce a current of air flowing into the air inlet opening, through the housing member, and out of the air outlet opening of the housing member.

Classifications:
International (IPC 8-9): A01K13/00 A01M1/06 A01M1/14 A01M3/00 A47L5/24 A47L9/06 A47L9/12 (Advanced/Invention);
A01K13/00 A01M1/00 A01M3/00 A47L5/22 A47L9/06 A47L9/10 (Core/Invention)
International (IPC 1-7): A01K13/00 A01M1/06 A01M1/14 A47L5/24 A61D
CPC: A01K13/002 A01M1/06 A01M1/14 A01M3/005 A47L5/24 A47L9/06 A47L9/066 A47L9/0673 A47L9/068 A47L9/122
European: A01K13/00C A01M1/06 A01M1/14 A01M3/00G A47L5/24 A47L9/06 A47L9/06D A47L9/06F A47L9/06G A47L9/12 A47L9/12B
US: 119/626 15/344 15/402 43/114 43/136 43/139



Family:

Publication number	Publication date	Application number	Application date
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AU199927597 A5	20000904	AU19990027597	19990216
US5870851 A	19990216	US19970866767	19970530
WO0048529 A2	20000824	WO1999US01876	19990216
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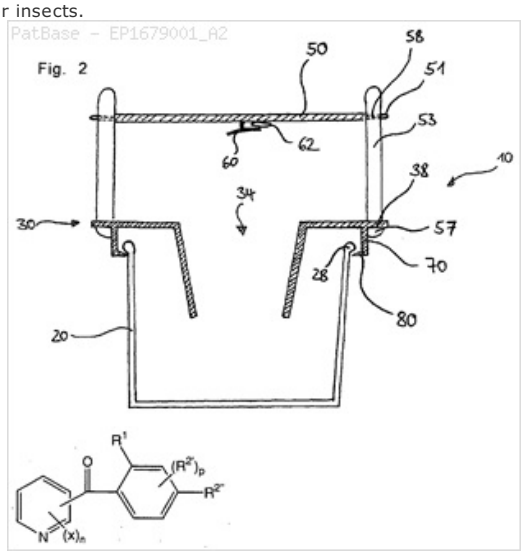
Priority:
US19970866767 19970530 WO1999US01876 19990216

Probable Assignee: DAVID G SHOEMAKER
Assignee(s): (std): DAVID G SHOEMAKER ; SHOEMAKER DAVID G
Inventor(s): (std): SHOEMAKER DAVID G
Inventor(s): DAVID G SHOEMAKER
Designated states: AT AU BE BR CA CH CN CY DE DK ES FI FR GB GR IE IT JP KR LU MC MX NL PT SE

135) Family number: 33109288 (EP1679001A3)

Title: Trap for insects

Abstract: An insect trap consists of an open container with an upward-direct5ed neck. The container holds a liquid bait e.g. sugar water. The container has a cover with a downward-directed neck that fits inside the container neck. The inner neck has an outer flange and locating beading. The cover has a side ingress for insects.
Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01M5/00 (Advanced/Invention);
A01M1/00 A01M1/02 A01M5/00 (Core/Invention)
International (IPC 1-7): A01M1/10 A01M5/00
CPC: A01M1/10 A01M1/106 A01M2200/012 A01M1/02
European: A01M1/02 A01M1/10 A01M1/10F K01M200/012 K01M201/02



Family:

Publication number	Publication date	Application number	Application date
DE102004045313 A1	20050901	DE200410045313	20040917
DE202004021602 U1	20090625	DE200420021602U	20040917
EP1679001 A2	20060712	EP20050018054	20050819
EP1679001 A3	20060920	EP20050018054	20050819

Priority:
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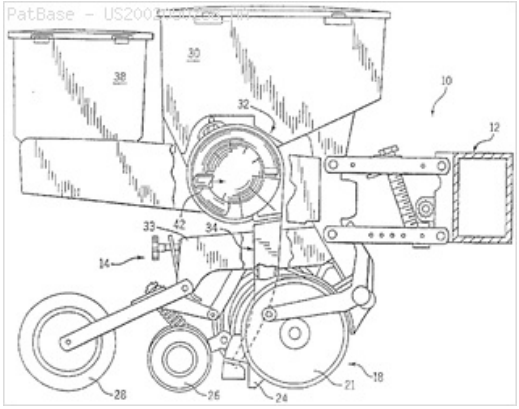
Probable Assignee: STUEBE MANUELA
Assignee(s): (std): STUEBE MANUELA
Inventor(s): (std): STUEBE MANUELA
Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

136) Family number: 29950294 (US2002050238A)

Title: SEED PLANTER APPARATUS AND METHOD

Abstract: A planter apparatus includes a seed meter including a housing assembly with a cover releasably connected to a shell. The housing assembly includes at least one opening formed therein adjacent a seed discharge area to promote the release of seeds from a disc rotatably attached to the housing assembly. The disc divides an interior of the housing assembly to include a vacuum chamber and a seed chamber. The disc including a plurality of openings formed adjacent a periphery of the disc. The planter apparatus may also include a singulator assembly having rotatably spools, a rotatable chute door, a disc having clusters of openings for simultaneous release, and a one-piece baffle.

Classifications:
International (IPC 8-9): A01C7/04 A01C7/08 A01C7/10 A01C7/12 A01C7/16 A01C7/20 B01F7/04 (Advanced/Invention);
A01C7/08 (Core/Invention)
International (IPC 1-7): A01C11/00 A01C7/00 A01C7/04 A01C7/08 A01C7/16 A01C7/20 B01F7/04
CPC: A01C7/206 Y10S111/903 Y10S111/90 A01C7/046 A01C7/102
European: A01C7/04B A01C7/04B1B A01C7/08B1 A01C7/10B A01C7/12D1 A01C7/20C
US: 111/100 111/170 111/181 111/184 111/185 111/200 111/900 111/903 221/211 221/264 221/265 221/266 221/277 221/278



Family:

Publication number	Publication date	Application number	Application date
CA2213350 AA	19980220	CA19972213350	19970819
CA2213350 C	20020709	CA19972213350	19970819
CA2213354 AA	19980220	CA19972213354	19970819
CA2213354 C	20020709	CA19972213354	19970819
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CA2213359 C	20030114	CA19972213359	19970819
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CA2213703 C	20020716	CA19972213703	19970819
CA2213711 AA	19980220	CA19972213711	19970819
CA2213711 C	20040720	CA19972213711	19970819
CA2260328 AA	19991015	CA19992260328	19990125
CA2260328 C	20070731	CA19992260328	19990125
CA2552477 AA	19991015	CA19992552477	19990125
CA2552477 C	20080415	CA19992552477	19990125
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CA2557228 C	20070731	CA19992557228	19990125
US2002050238 AA	20020502	US20010025719	20011217
US2003154892 AA	20030821	US20030388342	20030313
US2003177968 AA	20030925	US20030387609	20030313
US2003177969 AA	20030925	US20030388347	20030313
US5740747 A	19980421	US19960700214	19960820
US5765720 A	19980616	US19960702294	19960820
US5799598 A	19980901	US19960700222	19960820
US5839378 A	19981124	US19960700217	19960820
US5848571 A	19981215	US19960700225	19960820
US5974988 A	19991102	US19950581444	19951229
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US6109193 A	20000829	US19980061084	19980415
US6109193 C1	20071127	US19980061084	19980415
US6325005 BA	20011204	US20000527746	20000317
US6332413 BA	20011225	US19980061085	19980415
US6374759 BA	20020423	US20000527160	20000317
US6401638 BA	20020611	US20000527747	20000317
US6564730 BB	20030520	US20010025719	20011217
US6739272 BB	20040525	US20030388347	20030313
US6742465 BB	20040601	US20030387609	20030313
US6776108 BB	20040817	US20030388342	20030313

Priority:

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US20030388342 20030313 US20030387609 20030313

Probable Assignee: BLUE LEAF IP INC

Assignee(s): (std): CNH AMERICA LLC ; CASE CORP

Assignee(s): CASE LLC ; BERRY STEPHEN D ; BLUE LEAF IP ; BLUE LEAF IP INC ; BROWN THOMAS ; CNH INDUSTRIAL AMERICA LLC ; CRABB RICHARD J ; OLSON THOMAS A ; DUNHAM LISLE J ; OZERS GUNTIS ; SLOWINSKI DAVID N ; STUFFLEBEAM JOHN F ; TIEDT GERALD J ; JOHNSON CHAD M ; JOHNSON DONALD ; STUFFLEBEAM F JOHN

Inventor(s): (std): STUFFLEBEAM F JOHN ; MICHALIC JOSEPH A ; STUFFLEBEANM JOHN F ; CRABB RICHARD J ; OZERS GUNTIS ; SLOWINSKI DAVID N ; JOHNSON CHAD M ; JOHNSON DONALD ; DUNHAM LISLE J ; STUFFLEBEAM JOHN F ; OLSON THOMAS A ; BERRY STEPHEN D ; BROWN THOMAS ; TIEDT GERALD J

Agent(s): GOWLING LAFLEUR HENDERSON LLP

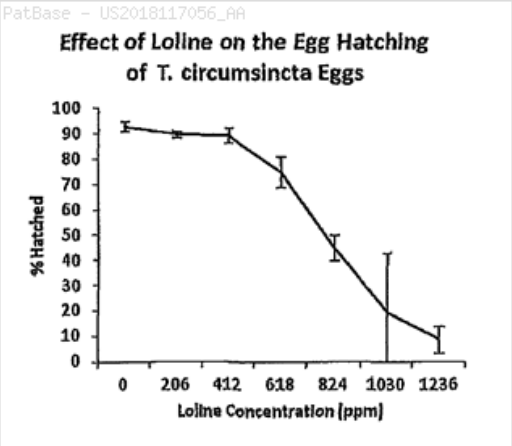
137) Family number: 63740294 (US2018117056A)

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Title: CONTROL OF PARASITIC INFECTION IN ANIMALS

Abstract: The invention relates to the use of alkaloid lolines to reduce parasitic infection in livestock and especially in ruminants, particularly sheep. The loline alkaloids are produced by and found in, grasses infected by endophytes. These grasses can be sown in areas where ruminants graze. Consumption of the grass supports the accumulation of loline alkaloids in the rumen of the animals and leads to a lower rate of infection by internal parasites and hence healthier livestock. The loline alkaloids may be produced by a number of endophytes present in a range of suitable grasses. The invention also provides a range of grasses which are suitable for the treatment of internal infection by parasites in livestock, especially ruminants and more especially sheep.

Classifications:
International (IPC 8-9): A01N A01N43/90 A01N63/04 A01N65/44 A61K A61K31/5386 A61P33/00 (Advanced/Invention)
CPC: A61P33/00 A61K31/5386



Family:

Publication number	Publication date	Application number	Application date
AU2016247023 AA	20171123	AU20160247023	20160408
CL2017002540 A1	20180518	CL20170002540	20171006
EP3282851 A1	20180221	EP20160776978	20160408
EP3282851 A4	20190109	EP20160776978	20160408
US2018117056 AA	20180503	US20160565457	20160408
WO16163894 A1	20161013	WO2016NZ00001	20160408
ZA201707098 A	20180725	ZA20170007098	20171019

Priority:

NZ20150706869 20150409 WO2016NZ00001 20160408

Probable Assignee: CROPMARK SEEDS LTD

Assignee(s): (std): CROPMARK SEEDS LTD

Inventor(s): (std): PATCHETT BRIAN JAMES ; CAMERON NICHOLAS EVAN

Agent(s): PAIRMAN IP; IGNACIO MARTINEZ CORNEJO; D YOUNG AND CO LLP; PAIRMAN JANE ELIZABETH

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

138) Family number: 58339303 (US2015025140A)

© PatBase

Title: NEMATODE REPELLENT COMPOSITION

Abstract: In one aspect, this invention relates to a nematode repellent composition comprising an effective nematode repellent amount of a fatty acid and an anthranilate ester. In another aspect, this invention relates to a method of repelling nematodes employing such composition.

Classifications:
International (IPC 8-9): A01N A01N33/06 A01N33/08 A01N37/00 A01N37/02 A01N37/06 A01N37/10 A01N37/36 A01N37/44 A01P A01P17/00 A01P5/00 (Advanced/Invention);
A01N33/06 A01N33/08 A01N37/00 A01P17/00 (Core/Invention);
A01N (Subclass/Invention)
CPC: A01N37/02 A01N37/06 A01N37/44 A01N37/36 A01N2300/00
US: 514/537

Family:

Publication number	Publication date	Application number	Application date
AR096945 AA	20160210	AR2014P102633	20140717
AR096946 AA	20160210	AR2014P102634	20140717

AU2014290035 AA	20160204	AU20140290035	20140717
AU2014290035 BB	20170119	AU20140290035	20140717
BR112016000951 A2	20170725	BR20161100951	20140717
CA2917695 AA	20160107	CA20142917695	20140717
CL2016000103 A1	20160715	CL20160000103	20160114
CN105377034 A	20160302	CN201480040126	20140717
CN105744832 A	20160706	CN201480040415	20140717
CN105744832 B	20181204	CN201480040415	20140717
CR20160024 A	20160517	CR20160000024	20160113
CR20160026 A	20160517	CR20160000026	20160114
DOP2016000013 A	20160315	DO20160000013	20160113
EP3021670 A1	20160525	EP20140825629	20140717
EP3021670 A4	20170104	EP20140825629	20140717
EP3021672 A1	20160525	EP20140826848	20140717
EP3021672 A4	20160525	EP20140826848	20140717
HK1224890 A1	20170901	HK20160113359	20161123
HK1224891 A1	20170901	HK20160113360	20161123
ID201712669 A	20171124	ID2016P0000214	20140717
IL243563 A0	20160229	IL20140243563	20140717
IN201617000816 A	20160715	IN201617000816	20160108
IN201617001163 A	20160722	IN201617001163	20160112
JP2016527233 T2	20160908	JP20160527091T	20140717
JP2016529237 T2	20160923	JP20160527095T	20140717
JP6526650 B2	20190605	JP20160527095T	20140717
KR20160033103 A	20160325	KR20167001017	20140717
MX2016000665 A1	20170504	MX20160000665	20140717
MX2016000736 A1	20160908	MX20160000736	20140717
PH2016500068 A	20160418	PH20160500068	20160111
TH167315 A	20170907	TH20161000181	20140717
US2015025140 AA	20150122	US20140333926	20140717
US2015025141 AA	20150122	US20140333990	20140717
US2017079269 AA	20170323	US20160364504	20161130
US2018228150 AA	20180816	US20180943291	20180402
US9526242 BB	20161227	US20140333926	20140717
US9930886 BB	20180403	US20160364504	20161130
US10178865 BB	20190115	US20140333990	20140717
WO15009905 A1	20150122	WO2014US46980	20140717
WO15009911 A1	20150122	WO2014US46997	20140717
ZA201600301 A	20170531	ZA20160000301	20160114

Priority:

US20130847805P 20130718 US20140001758P 20140522 US20140333926 20140717
US20140333990 20140717 WO2014US46997 20140717 WO2014US46980 20140717
US20160364504 20161130 US20180943291 20180402

Probable Assignee: FMC CORP

Assignee(s): (std)**:** FMC CORP

Assignee(s): SHETH SHREYA ; VARANYAK LINDA ; BLACK BRUCE C ; BLANCUZZI JEFFREY P ; CALDWELL NATHAN D

Inventor(s): (std)**:** NATHAN D CALDWELL ; BRUCE C BLACK ; SHREYA SHETH ; JEFFREY P BLANCUZZI ; LINDA VARANYAK ; BLANCUZZI JEFFREY P ; SHETH SHREYA ; CALDWELL NATHAN D ; BLACK BRUCE C ; VARANYAK LINDA

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; SMART AND BIGGAR; ESTUDIO TRANSGLOBO LTDA Y O HUGO RUBIO G Y O ALEX SEVERIN S; OBRIEN LISA; HONG KONG INTELLECTUAL PROPERTY AGENT LTD; DR BELINDA ROSALINA SHLLM; FMC CORP; SMALL ANDREA D 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

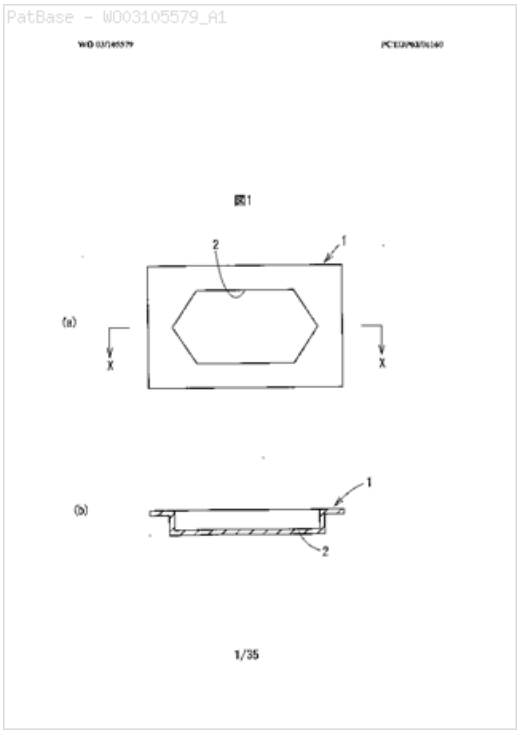
139) Family number: 29159305 (WO03105579A1)

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Title: METHOD OF THERMAL TRANSPIRATION, THERMAL TRANSPIRATION CONTAINER FOR USE THEREIN AND THERMAL TRANSPIRATION DEVICE

Abstract: A method of thermal transpiration for harmful insect control, comprising heating a pesticide to be transpired or a compounded pesticide to be transpired, namely, a pesticide to be transpired having an additive incorporated therein so as to effect transpiration thereof. For example, a pesticide to be transpired (3) is placed in a container (5), and the container (5) is heated so as to attain thermal transpiration of the pesticide. This enables efficient vaporization of pesticide components. Further, no solvent is needed in the thermal transpiration, so that it becomes unnecessary to distinguish between water base and oil base as encountered in the use of solvents. Still further, the container and heating equipment for thermal transpiration can be made compact.

Classifications:
International (IPC 8-9): A01M A01M1/20 A01N25/18 A01N53/02 A01N53/04 A01N53/06 A61L A61L9/03 B65D25/20 B65D83/00 B65D85/00 (Advanced/Invention);
A01M1/20 A01N25/18 (Advanced/Non-invention);
A01M1/20 A01N25/18 A01N53/00 A61L9/015 B65D25/20 B65D83/00 B65D85/00 (Core/Invention)
International (IPC 1-7): A01M1/20 A01N25/18 A01N53/02 A01N53/04 A01N53/06 A61L9/03 B65D25/20 B65D83/00 B65D85/00 H04N
CPC: A01M1/2077 A61L9/03
European: A01M1/20A A01M1/20C A01M1/20C4G A61L9/03



Family:

Publication number	Publication date	Application number	Application date
AP200403173 A0	20041231	AP20040003173	20030516
AU2003242312 AA	20031231	AU20030242312	20030516
BRPI0310056 A2	20160628	BR2003PI10056	20030516
CN100482072 C	20090429	CN20038011162	20030516
CN1652685 A	20050810	CN20038011162	20030516
EP1547464 A1	20050629	EP20030730503	20030516
EP1547464 A4	20080123	EP20030730503	20030516
HK1079398 A1	20060407	HK20050111670	20051219
HK1079398 A3	20060407	HK20050111670	20051219
IN03798DN2004 A	20091120	IN2004DN03798	20041201
JP2003158979 A2	20030603	JP20020211532	20020719
JP2003250417 A2	20030909	JP20020141087	20020516
JP2004049229 A2	20040219	JP20030153314	20030529
JP2004057002 A2	20040226	JP20020211533	20020719
JP2004067689 A2	20040304	JP20030278621	20030723
JP2007215549 A2	20070830	JP20070133290	20070518
JP3940646 B2	20070704	JP20020211533	20020719
JP3940703 B2	20070704	JP20030153314	20030529
JP4199815 B2	20081224	JP20070133290	20070518
JP4317349 B2	20090819	JP20020141087	20020516
JP4348055 B2	20091021	JP20020211532	20020719
KR20050010806 A	20050128	KR20047018436	20030516
OA12818 A	20060710	OA20041000306	20030516
WO03105579 A1	20031224	WO2003JP06160	20030516

Priority:

JP20010210564 20010711
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JP20030278621 20030723
JP20070133290 20070518

Probable Assignee: EARTH CHEMICAL CO

Assignee(s): (std): HATAYAMA TOMOKO ; KADO KATSUYOSHI ; NOMURA YOSHIHARU ; TATAMI KENJI ; YUNO HIDETOSHI ; EARTH CHEMICAL CO

Assignee(s): EARTH CHEMICAL CO LTD ; EARTH CHEM CORP LTD

Inventor(s): (std): KADO KATSUYOSHI ; HIDETOSHI YUNO ; KATSUYOSHI KADO ; KENJI TATAMI ; NOMURA YOSHIHARU ; NOMURA MIHARU ; YUNO HIDETOSHI ; TATAMI KENJI ; YOSHIHARU NOMURA ; TOMOKO HATAYAMA ; YONO HIDETOSHI ; HATAYAMA TOMOKO

Inventor(s): HIDETOSHI YONO

Agent(s): CLT PATENT AND TRADEMARK HK LTD

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 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

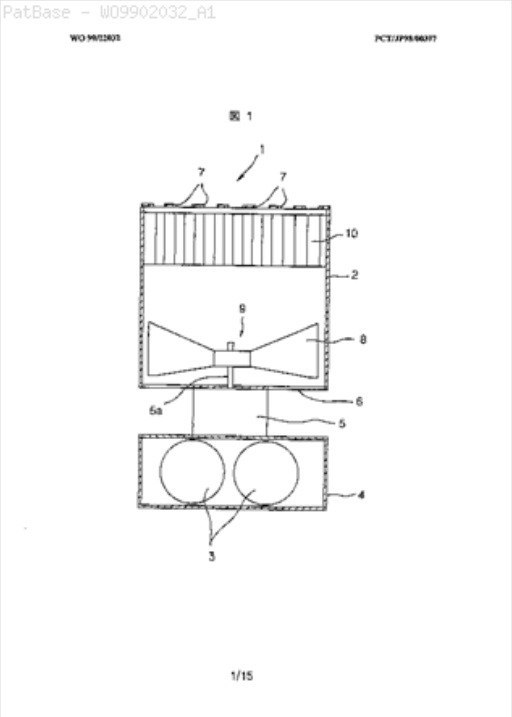
140) Family number: 11286306 (WO9902032A1)

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Title: PESTICIDE APPLICATOR

Abstract: A technique for controlling pest insects by causing an air stream to impinge against a chemical holding member holding a chemical under a non-heating condition and evaporating chemical components from the chemical holding member. This applicator (1) includes a fan (8) for generating an air stream flowing from a suction port (6) to an exhaust port (7) inside a chamber (2) and a motor (5) for driving the fan (8). The applicator (1) uses the motor (5) having a running current of not greater than 100 mA at non-load or air stream regulation means for regulating the condition of the air stream so that the evaporation quantity of the chemical components per unit time is optimized depending on the application environment, or both of them.

Classifications:
International (IPC 8-9): A01M1/20 A01M13/00 A01N25/08 A01N25/10 A01N25/18 A01N53/00 A61L9/01 A61L9/12 B05B9/00 (Advanced/Invention);
A01M13/00 A01N53/00 B05B9/00 (Advanced/Non-invention);
A01M1/20 A01N25/08 A01N25/10 A01N25/18 A01N53/00 A61L9/01 A61L9/12 B05B9/00 (Core/Invention);
A01N53/00 B05B9/00 (Core/Non-invention)
International (IPC 1-7): A01M1/20 A01M13/00 A01N25/08 A01N25/10 A01N25/18 A01N53/00 B05B9/00
CPC: A01M1/2033 A01M1/2055 A61L9/01 A61L9/122
European: A01M1/20A A01M1/20C2F A01M1/20C2S A61L9/01 A61L9/12F



Family:

Publication number	Publication date	Application number	Application date
AU199856795 A1	19990208	AU19980056795	19980130
CN1239401 A	19991222	CN19988001300	19980130
CN1288971 C	20061213	CN19988001300	19980130
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EP0925717 B1	20081015	EP19980901065	19980130
JP11028040 A2	19990202	JP19970185284	19970710
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JP11103749 A2	19990420	JP19970272751	19971006
JP11169051 A2	19990629	JP19970346510	19971216
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JP3802196 B2	20060726	JP19970185284	19970710
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KR100482909 B1	20050414	KR19997001957	19980130
KR20000068518 A	20001125	KR19997001957	19980130
WO9902032 A1	19990121	WO1998JP00397	19980130

Priority:
JP19970185284 19970710 JP19970260404 19970925 JP19970272751 19971006
JP19970346510 19971216 WO1998JP00397 19980130

Probable Assignee: EARTH CHEMICAL CO

Assignee(s): (std): EARTH CHEMICAL CO ; KAMATANI MITSUNOBU ; MATSUSHITA MAYUMI ; YAMAGUCHI MASANAGA

Assignee(s): EARTH CHEMICAL CO LTD ; EARTH CHEM CORP LTD

Inventor(s): (std): YAMAGUCHI MASANAGA ; KAMATANI MITSUNOBU ; MATSUSHITA MAYUMI ; MASANAGA YAMAGUCHI ; MITSUNOBU KAMATANI ; MAYUMI MATSUSHITA ; KAMATANI MITSUNORI ; MAYUMI YAMAGUCHI MASANAGA KAMA

Inventor(s): YAMAGUCHI MASANAGA KAMATANI MITSUNOBU MATSUSHITA M ; YAMAGUCHI MASANAGA KAMATANI MITSUNOBU ; YAMAGUCHI MASANAGA KAMATANI MITSUNOBU MATSUSHITA MAYUMI

Agent(s): BLAKE JOHN HENRY FRANCIS

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT KE KG KR KZ LC LI LK LR LS LT LU LV 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 UA UG US UZ VN YU ZW

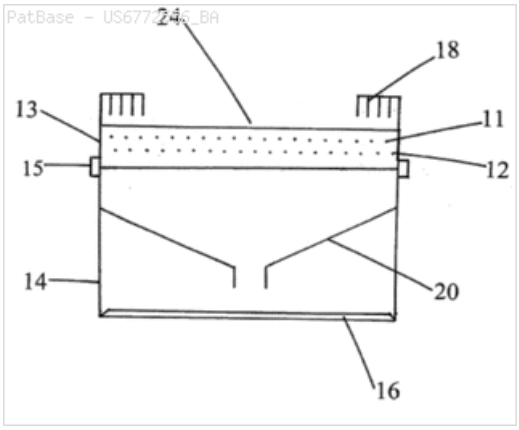
141) Family number: 30773312 (US6772556B)

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Title: Insect trap

Abstract: The invention is directed to a trap for insects, without killing them. It employs a housing, with an opening on one end, and at least one layer of parallel strings or line stretched across that opening. The distance between each string corresponds to the width of the body of the target insect. Some type of attractant is used to attract the target insect. Farmers, entomologists, and hobbyists will find this trap useful since it captures insects without killing them, thus permitting identification and further study.

Classifications:
International (IPC 8-9): A01M1/04 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/20
CPC: A01M1/04 A01M1/103 A01M1/106 A01M2200/011 A01M2200/012
European: A01M1/04 A01M1/10 A01M1/10C A01M1/10F K01M200/011 K01M200/012 K01M201/01 K01M201/02
US: 43/107 43/121 43/122



Family:

Publication number	Publication date	Application number	Application date
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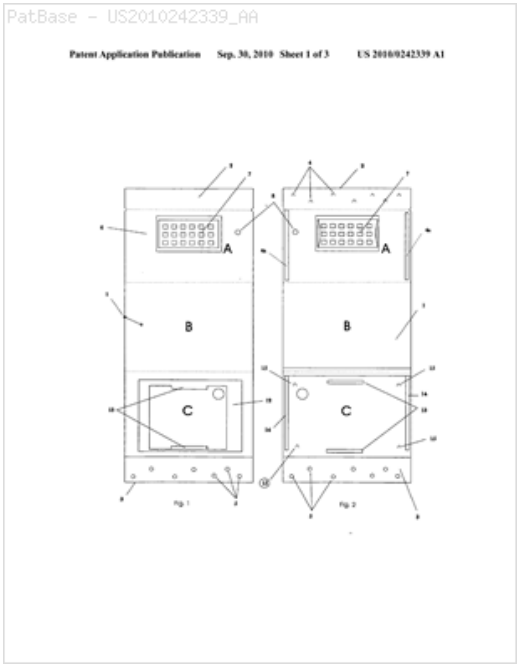
Priority:
US20030359674 20030205

Probable Assignee: US AGRICULTURE
Assignee(s): (std): US AGRICULTURE
Assignee(s): AGRICULTURE US SEC ; AGRICULTURE US SEC THEWASHINGTON DISTRICT OF ; SECRETARY OF AGRICULTURE AS US GOV ; THE UNITED STATES OF AMERICA AS REPRESENTED BY THE ; THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF AGRICULTURE
Inventor(s): (std): LIU YONG BIAO

142) Family number: 46987315 (US2010242339A)

Title: PRISM TRAPS FOR FRUIT AND VEGETABLE INSECTS-PESTS

Abstract: A trap for collecting insects and pests is formed in a triangular prism shape. The triangular prism shaped trap is formed from a rectangular plate that is divided into three sections, the rectangular plate being bent into the triangular prism shape. A rectangular cavity that protrudes inward into the trap may be formed on one wall. Also, a control card may be mounted on one wall.
Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01M1/14 (Advanced/Invention); A01M1/00 (Core/Invention)
CPC: A01M1/026 A01M1/145
European: A01M1/02E A01M1/14B
US: 43/107 43/107P 43/114 43/114S



Family:

Publication number	Publication date	Application number	Application date
GT200900317 A	20110822	GT20090000317	20091215
MX2009003230 A1	20100927	MX20090003230	20090325
US2010242339 AA	20100930	US20090461288	20090806
US8240081 BB	20120814	US20090461288	20090806

Priority:
MX20090003230 20090325

Probable Assignee: CUELLAR BERNAL RICARDO OSVALDO
Assignee(s): (std): CUELLAR BERNAL RICARDO OSVALDO
Inventor(s): (std): CUELLAR BERNAL RICARDO OSVALDO ; OSVALDO CUELLAR BERNAL RICARDO
Agent(s): NIXON AND VANDERHYE PC

143) Family number: 23136316 (US2002136696A)

Title: ORTHOPEDIC AND DENTAL CERAMIC IMPLANTS

Abstract: A method for treating a bone defect is provided by identifying a bone site suitable for receiving an implant; and introducing a strongly resorbable, poorly crystalline apatitic calcium phosphate at the implant site, whereby bone is formed at the implant site. A bone defect may be treated by identifying a bone site suitable for receiving an implant; and introducing a hydrated precursor to a strongly resorbable, poorly crystalline apatitic calcium phosphate at the implant site, whereby the hydrated precursor is converted in vivo to a poorly crystalline apatitic calcium phosphate and whereby bone is formed at the implant site. The implant site may be a variety of sites, such as a tooth socket, non-union bone, bone prosthesis, an osteoporatic bone, an intervertebral space, an alveolar ridge or a bone fracture.

Classifications:

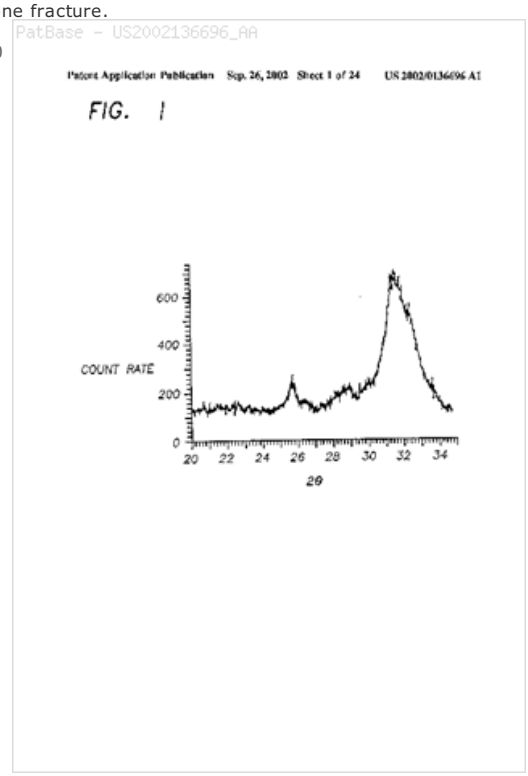
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A61F2/00 A61F2/02 A61F2/46 A61K39/00 A61K47/02 A61K9/00 A61L27/00 C01B25/32 (Advanced/Non-invention);
A61F13/00 A61F2/28 A61F2/30 A61K31/337 A61K31/519 A61K31/57 A61K31/655 A61K31/7042 A61K33/42 A61K47/00 A61K47/02 A61K9/00 A61K9/20 A61K9/72 A61L24/00 A61L27/00 A61P35/00 C01B25/00 (Core/Invention);
A61F2/00 A61F2/02 A61F2/46 (Core/Non-invention)

International (IPC 1-7): A01N25/00 A01N59/26 A61F2/00 A61F2/02 A61F2/28 A61K33/42 A61K38/00 A61K39/00 A61K39/38 A61K39/39 A61K45/00 A61K47/00 A61K47/02 A61K47/04 A61K7/16 A61K9/00 A61K9/14 A61K9/16 A61K9/72 A61L24/00 A61L25/00 A61L27/00 C01B25/26 C01B25/32 C04B12/02 C04B35/03 C09C1/02

CPC: A61K9/0019 A61K9/0024 A61K31/337 A61K31/522 A61K31/57 A61K31/655 A61K31/7072 A61K33/42 A61K45/06 A61L27/3804 A61K9/143 A61K39/39 A61L27/46 Y10S977/70 Y10S977/775 Y10S977/776 Y10S977/779 Y10S977/833 Y10S977/896 Y10S977/90 Y10S977/915 Y10S977/926 Y10S977/91 Y10S623/919 Y10S977/906 Y10S977/927 Y10S977/928 Y10S623/923 A61L2300/22 A61L2300/252 A61L27/3847 A61L27/3852 A61L2300/64 A61L2300/426 A61L2300/438 C04B28/344 C04B2111/00836 Y10T428/2991 Y10T428/2993 A61F2/28 A61F2/30756 A61F2002/30062 A61F2002/30762 A61F2002/4648 A61F2210/0004 A61F2310/00293 A61K9/2009 A61L24/02 A61L27/12 A61L27/38 A61L27/42 A61L27/425 A61L27/48 A61L27/54 A61L27/58 A61L2300/256 A61L2300/406 A61L2300/414 A61L2300/44 A61L2300/452 A61L2400/06 A61L2430/02 C01B25/16 C01B25/32 C01B25/321 C01B25/325 Y02P30/48 A61K47/02

European: A61F2/28 A61F2/30C A61K31/337 A61K31/522 A61K31/57 A61K31/655 A61K31/7072 A61K33/42 A61K39/39 A61K45/06 A61K47/02 A61K9/00M5 A61K9/00M5D A61K9/14H2 A61K9/20H2 A61L24/02 A61L27/12 A61L27/38 A61L27/38B A61L27/38D2B A61L27/38D2D A61L27/42 A61L27/42E A61L27/46 A61L27/48 A61L27/54 A61L27/58 C01B25/16 C01B25/32 C01B25/32A C01B25/32F C04B28/34H K61F2/30A1W1 K61F2/30C8 K61F2/46G8 K61F210/00A K61F310/00A6E K61K47/02 K61K9/00M5D K61L300/220 K61L300/252 K61L300/256 K61L300/406 K61L300/414 K61L300/426 K61L300/438 K61L300/440 K61L300/452 K61L300/640 K61L400/06 K61L430/02 M04B111/00T54

US: 106/462 106/690 106/691 128/888 423/308 423/311 424/1.57 424/400 424/400P 424/400S 424/422 424/423 424/423S 424/426 424/484 424/484P 424/49 424/49P 424/57 424/600 424/601 424/602 424/602P 424/602S 424/603 424/603P 424/606 424/649 424/649S 428/403 428/404 433/180 501/123 501/123S 514/12.1 514/13.2 514/15 514/15.7 514/150 514/150S 514/16.3 514/16.7 514/17.6 514/17.7 514/171 514/171S 514/18.1 514/18.2 514/18.3 514/18.4 514/19.3 514/19.300S 514/2 514/2.4 514/20.1 514/20.8 514/263.31 514/263.310S 514/27 514/27S 514/283 514/283S 514/3.7 514/3.8 514/449 514/449S 514/49 514/49S 514/7.6 514/8.8 523/113 523/115 523/116 523/218 523/219 524/414 524/436 600/36 623/16 623/16.11 623/23.37 623/23.48 623/23.51 623/23.56 623/23.58 623/23.61 623/23.62 623/23.63 623/66.1 623/919 623/923 977/700 977/775 977/776 977/779 977/833 977/896 977/900 977/906 977/906S 977/910 977/915 977/926 977/927 977/928



Family:

Publication number	Publication date	Application number	Application date
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DE69738398 T2	20081204	DE19976038398T	19971016
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JP2002524491 T2	20020806	JP20000569778T	19990914
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WO9816268 A2	19980423	WO1997US18631	19971016
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Priority:

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Probable Assignee: LIFE SCIENCE ENTERPRISES INC

Assignee(s): (std)**:** ETEX CORP ; LEE D DUKE ; ETEX CORP CAMBRIDGE ; ETEX CORP US US ; LEE DOSUK D ; ETEX CORPORATIO ; AIOLOVA MARIA ; REY CHRISTIAN

Assignee(s): THIS TEX CORP ; ETEX CAMBRIDGE MASSACHUSETTS CORP ; LIFE SCIENCE ENTERPRISES INC ; N A ; TOFIGHI ALIASSGHAR ; ILJIN COPER FOIL CO LTD ; ETEX US US CORP ; MEDTRONIC ASSET MANAGEMENT INC

Inventor(s): (std)**:** AIOLOVA MARIA ; LEE D ; LEE D DUKE ; LEE DOSUK ; LEE DOSUK D ; REY CHRISTIAN ; REY CHRISTIAN REY CHRISTIAN ; REY CRISTIAN ; TOFIGHI ALIASSGHAR ; TOFIGHI ALISASSGHAR

Inventor(s): MARIA AIOLOVA ; ALIASSGHAR TOFIGHI ; CHRISTIAN REY ; DOSUK D LEE

Agent(s): PHILLIPS ORMONDE FITZPATRICK; SMART AND BIGGAR; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; BEETZ AND PARTNER; CLARK AND ELBING LLP; CLARK PAUL T; PAUL T; TODD

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 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

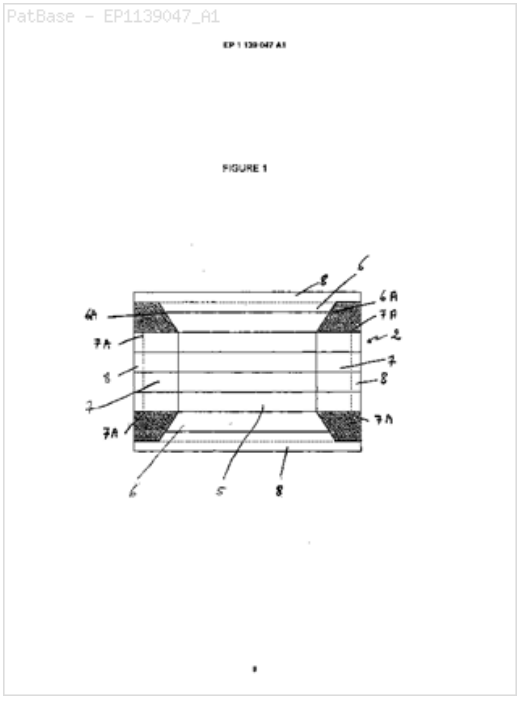
144) Family number: 15498317 (EP1139047A1)

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Title: Light shelter and process for storage and conservation in a confined environment of organic biodegradable products

Abstract: The headlamp has a screen (50) that swings upright for low beam operation. The screen is between the reflector (20) and the front lens of the headlamp (40). The screen is operated by an electromagnet (60) which moves a rod (61) parallel to the optical axis. The rod (61) ends in a block (66) with an elongated slot for the end of a crank (54) at the end of the shaft supporting the screen.

Classifications:
International (IPC 8-9): F26B9/00 (Advanced/Invention)
International (IPC 1-7): A01G23/00 B27K5/00 E04H15/00 F26B9/00
CPC: F26B9/006
European: F26B9/00C



Family:

Publication number	Publication date	Application number	Application date
EP1139047 A1	20011004	EP20010400823	20010330
FR2806953 A1	20011005	FR20000004098	20000331
FR2806953 B1	20020621	FR20000004098	20000331

Priority:

FR20000004098 20000331

Probable Assignee: STEP

Assignee(s): (std)**:** STEP

Inventor(s): (std)**:** FERRY NICOLAS

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

145) Family number: 62128320 (CA2865150A)

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Title: BIO PLANT SCIENCE FOR PRODUCTION OF MULTIPLE MEDICATIONS

Abstract: This study presents the effects of storage duration and temperature of Moringa oleifera stock solution on its coagulation efficiency. Moringa oleifera stock solutions, which were kept at room temperature (28 degrees C), were able to remove turbidity from medium, high and very high turbidity water samples and no coagulation activity was observed for low turbidity water and surface water tested. The highest turbidity removals were observed for stock solutions, which were kept for one day. For Moringa oleifera stock solutions, which were stored longer up to 3 days, the turbidity removal efficiencies

decreased to 73.6 percent, 86.8 percent and 92.3 percent for medium, high and very high turbidity water samples respectively. In the case of medium and high turbidity water samples, Moringa oleifera stock solutions, which were kept for more than 3 days did not perform any coagulation process, while for very high turbidity water sample, it was found to coagulate slightly about 14.9 percent and 3.9 percent for those which were stored for 5 and 7 days, respectively. For those Moringa oleifera stock solutions, which were stored at 3 degrees centigrade up to 5 days, no significant differences were found between their turbidity removal efficiency on medium, high and very high turbidity, while those that were stored for more than 5 day did not perform coagulation. For surface water and low turbidity water samples significant differences were observed between turbidity removal efficiency of Moringa oleifera stored for different durations. Highest turbidity removal for surface water and low turbidity water were obtained using Moringa oleifera which were kept for 3 days or less and it decreased when using Moringa oleifera stock solution, which were stored longer.

Classifications:

International (IPC 8-9): A01N65/08 A01P21/00 A23K20/158 A61K36/185 A61P25/28 A61P35/00 C02F1/52 (Advanced/Invention);
A01H5/00 A23D9/00 C02F1/52 (Advanced/Non-invention)

CPC: A01N65/08 A01H5/00 Y02W10/37 C02F1/42 C02F1/5263 C02F1/5272 C02F1/66 C02F5/125 C02F5/145 C02F2103/10 C02F2103/42 C02F2303/16

Family:

Publication number	Publication date	Application number	Application date
CA2865150 AA	20160410	CA20142865150	20141010

Priority:

CA20142865150 20141010

Probable Assignee: FICOCELLI MIKE

Assignee(s): (std): FICOCELLI MIKE

Inventor(s): (std): FICOCELLI MIKE

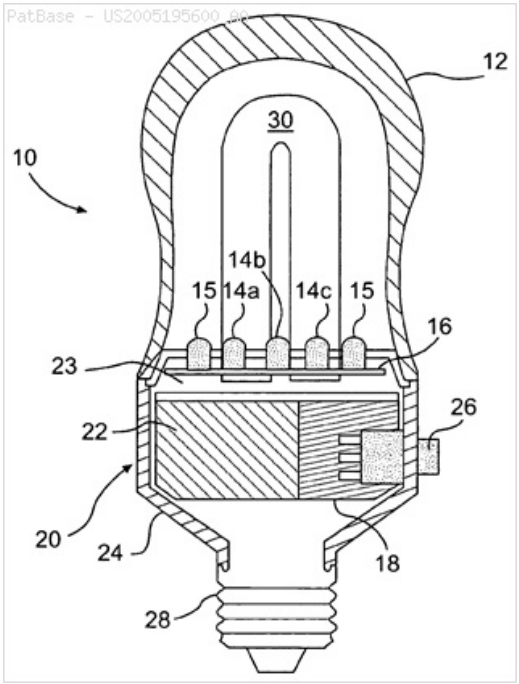
Agent(s): SMART AND BIGGAR

146) Family number: 31458321 (US2005195600A)

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Title: LED LIGHT BULB WITH ACTIVE INGREDIENT EMISSION

Abstract: A light bulb (10) includes a translucent housing (12) and a base (24). The housing (12) includes a plurality of LEDs (14 a, 14 b, 14 c, and 15) positioned so as to emit light through the housing (12). The base (24) is configured to mate with a light socket. The base (24) also includes a compartment (23) for receiving and securing a replaceable active ingredient cartridge (22), and an active ingredient dispenser (20) for emitting an active ingredient from the cartridge (22) when the cartridge (22) is secured in the compartment (23). A fluorescent light source (30) may also be provided in the housing (12) as a source of illumination.



Classifications:

International (IPC 8-9): A01M1/04 A01M1/20 A01N25/18 A01N31/14 A01N37/18 A01N43/40 A01N53/02 A01N53/04 A01N53/06 A01N53/08 A01N57/12 A01P7/04 A61L A61L9/01 A61L9/03 A61L9/12 A61M16/00 B05B17/00 B05B7/16 F21K F21K7/00 F21K9/23 F21K9/235 F21K9/66 F21K99/00 F21S10/00 F21S10/02 F21S2/00 F21S6/00 F21S8/00 F21S9/00 F21V1/00 F21V11/00 F21V17/00 F21V19/00 F21V23/00 F21V23/04 F21V33/00 F21V9/00 G05B15/00 H01J5/54 H01J61/32 H01J61/70 H01K1/46 H01L25/13 H01L33/00 H01R33/94 H04M1/22 H04R1/02 H05B35/00 H05B37/00 H05B37/02 (Advanced/Invention);
F21S10/02 F21S2/00 F21V11/00 F21V23/00 F21V33/00 F21V9/00 F21Y101/02 F21Y103/025 H05B35/00 H05B37/02 (Advanced/Non-invention);
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H01L (Subclass/Invention)

International (IPC 1-7): A01M1/20 A61L9/015 A61L9/03 A61L9/12 F21K7/00 F21S8/00 F21V1/00 F21V11/00 F21V23/00 F21V33/00 F21V9/00 F21Y101/02 H01L33/00 H05B35/00

CPC: Y10S362/81 Y10S362/80 F21V23/0435 F21W2121/00 H05B41/2828 F21V19/006 F21V33/0056 F21W2111/023 H04R1/028 H05B37/0218 H05B37/0227 H05B37/0236 H05B37/029 Y02B20/44 Y02B20/46 A61M11/041 A61M2205/587 A61M2205/6081 H05B33/0866 H05B33/0872 H05B37/0209 H05B41/282 A61L9/12 F21V3/02 H05B37/02 A61L9/037 A01M1/2083 F21V33/0004 H01J5/54 H01J61/70 H01K1/46 H01R31/065 H01R33/9453 A01M1/2072 A61L9/122 A61L9/127 H01J61/56 F21V23/0442 F21V23/045 F21V29/506 F21V29/83 Y02B20/386 F21K9/23 F21Y2103/37 H05B33/0857 F21S6/004 H01J61/327 A61L9/03 A61L2209/12 H05B33/0803 H05B33/0863 H05B37/0272 H01R33/94 H05B33/0818 A01M1/2077 H05B33/0809 F21V3/0615 F21S6/001 F21K9/232 F21V3/00 F21Y2113/00 F21Y2113/13 F21Y2113/20 F21Y2115/10 H05B35/00 Y02B20/19 F21S6/00 Y02B20/383

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Probable Assignee: SC JOHNSON AND SON INC

Assignee(s): (std): ABBONDANZIO MATTHEW ; ANANTH GOPAL P ; CALPINO BARRY T ; CONWAY SIMON M ; DEMAREST SCOTT W ; FATERIOUN KAMRAN ; JOHNSON FISK H III ; PORCHIA JOSE ; JOHNSON III H F ; ROBLING DARREN K ; MINEAU STEVEN B ; NELSON CORY J ; JOHNSON AND SON INC S C ; JOHNSON MARK E ; WOLF JEFFREY J ; WALTER SCOTT D

Assignee(s): SCJOHNSON AND SON INC ; SC JOHNSON AND SON INC RACINE ; SC JOHNSON ANDSON INC ; S C JOHNSON AND SON INC ; SC JOHNSON AND SON INC ; JOHNSON FISK H

Inventor(s): (std): WALTER SCOTT D ; DEMAREST SCOTT W ; CONWAY SIMON M ; ABBONDANZIO MATTHEW ; ROBLING DARREN K ; JOHNSON FISK H III ; PORCHIA JOSE ; CALPINO BARRY T ; WOLF JEFFREY J ; JOHNSON III H F PORCHIA JOSE C ; NELSON CORY J ; MINEAU STEVEN B ; PORCHIA JOSE WOLF JEFFREY J ; FISK JOHNSON III H ; JOHNSON III H FISK ; JOSE PORCHIA ; JOHNSON H FISK ; JOHNSON MARK E ; FATERIOUN KAMRAN ; JOHNSON H FISK III ; ANANTH GOPAL P ; JOHNSON III H F

Inventor(s): JOHNSON III H F PORCHIA JOSE CALPINO BARRY T WOLF ; JOHNSON FISK H ; JOHNSON III H ; CALPINO BARRY ; PORCHIA JOSE GREENFIELD ; DARREN K ROBLING ; SCOTT D WALTER ; SCOTT W DEMAREST ; MATTHEW ABBONDANZIO ; GOPAL P ANANTH ; SIMON M CONWAY ; FISK H JOHNSON III ; JEFFREY J WOLF ; BARRY T CALPINO ; FISK H III JOHNSON ; WOLF JEFFREY J RACINE ; DEMAREST SCOTT W CALEDONIA ; WALTER SCOTT D TWIN LAKES ; NELSON CORY ; MINEAU STEVEN ; ANANTH GOPAL ; WOLF JEFFREY ; ROBLING DARREN ; WALTER SCOTT ; DEMAREST SCOTT ; JOHNSON MARK ; CONWAY SIMON ; JOHNSON III FISK H

Agent(s): SPRUSON AND FERGUSON; BERESKIN AND PARR LLP SENCRL SRL; RUSCHKE MADGWICK SEIDE AND KOLLEGEN PATENTANWAELTE PATENT ATTORNEY UK PARTG MBB; RUSCHKE HANS EDVARD; DE ELZABURU ALBERTO; CLT PATENT AND TRADEMARK HK LTD; SC JOHNSON AND SON INC; ROBERT A MILLER, S C JOHNSON AND SON INC; ROBERT A MILLER S C JOHNSON AND SON INC; MILLER MATTHIAS AND HULL; MILLER MATTIAS AND HULL; MILLER ROBERT A

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 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 ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

147) Family number: 60224328 (IN05156CH2013A)

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Title: A COMPOSITION, DEVICE OR A TRAP AND METHODS THEREOF

Abstract: The present disclosure relates to a composition comprising ordered mesoporous silica, semiochemical and antioxidant, optionally along with additive. The present disclosure provides for a dispenser/substrate capable of releasing semiochemicals from substrate at a controlled rate and thus aiding in attracting insect pests, without polluting the environment.

Classifications:
International (IPC 8-9): A01N37/00 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
IN05156CH2013 A	20150828	IN2013CH05156	20131113

Priority:

IN2013CH05156 20131113

Probable Assignee: JNCASR BANGALORE

Assignee(s): (std): CENTRAL PLANTATION CROPS RES INST ; JNCASR BANGALORE

Assignee(s): CENTRAL PLANTATION CROPS RESEARCH INST ; JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH

Inventor(s): (std): MUTHUSAMY ESWARAMOORTHY ; BOSUKONDA VEERA VENKATA SURYA PAVAN KUMAR ; KESAVAN SUBAHARAN

148) Family number: 52209329 (US5992771A)

© PatBase

Title: High voltage generator

Abstract: PCT No. PCT/GB95/02216 Sec. 371 Date Apr. 7, 1997 Sec. 102(e) Date Apr. 7, 1997 PCT Filed Sep. 19, 1995 PCT Pub. No. WO96/11062 PCT Pub. Date Apr. 18, 1996A high voltage generator is provided for use in applications where current demand is low but a high voltage is required. The generator comprises an array of photosensitive elements, such as an array

of photovoltaic elements produced by laser scribing or etching of a wafer of material conventionally used for solar cells, the number of elements employed and their interconnection being such that a high voltage output of at least 1 kV is obtained.

Classifications:

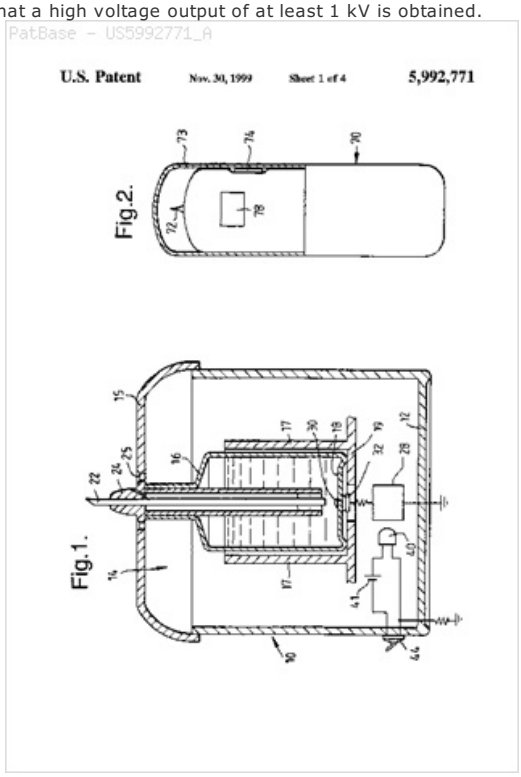
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International (IPC 1-7): A01G23/10 A61M A61M11/00 A61M15/00 A61M15/02 B05B B05B05/057 B05B05/16 B05B11/00 B05B5/00 B05B5/025 B05B5/053 B05B5/057 B05B5/10 B05B5/16 B05B5/25 B05B5/57 B05D B05D1/04 B05D1/06 B05D1/12 B05D7/14 H01L31/0216 H01L31/04 H01L31/042

CPC: Y02E10/50 B05B5/0533 B05B12/124 A61M15/0066 B05B5/1691 A61M15/0045 A61M15/0065 A61M15/02 A61M2202/064 A61M2205/8206 B05B5/0255 B05B5/0531 B05B5/057 B05B5/1683

European: A61M15/00C2 A61M15/00D A61M15/02 B05B12/12D B05B5/025A B05B5/053A B05B5/053B B05B5/057 B05B5/16B B05B5/16C K61M202/06B K61M205/82B Y02E10/50

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Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): BWE LTD ; GREEN MICHAEL LESLIE ; ICI LTD ; ICI PLC ; PRENDERGAST MAURICE ; NOAKES TIMOTHY JAMES ; JEFFERIES ANDREW ; PRENDERGAST MAURICE JOSEPH ; IMP CHEMICAL IND LTD ; PROCTER AND GAMBLE CO SUBSTITUTE ; PROKTER EHND GEMBL KOMPANI ; PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; IMP CHEMICAL IND PLC ; THE PROCTER AND GAMBLE CO SUBSTITUTED UNDER SECTION 24 1 IMPERIAL CHEMICAL INDUSTRIES PLC ; PROCTER AND GAMBLE CO CINCINNATI ; PROCTER and GAMBLE COMPANY THE ; PROKTER EHND GEHMBL KOMPANI ; THE PROCTER AND GAMBLE COMPANYUS ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE COMPANY CINCINNATI ; THE PROCTER AND GAMBLE CO SUBSTITUTED UNDER ; IMPERIAL CHEMICAL INDUSTRIES LIMITED ; IMPERIAL CHEMICAL INDUSTRIES ; IMP CHEMICAL IND

Inventor(s): (std): PRENDERGAST MORIS ; DZHEFFERIZ EHNDRJU ; NOUKS TIMOTI DZHEJMS ; TIMOTHY JAMES NOAKES ; MICHAEL LESLIE GREEN ; PRENDERGAST JOSEPH ; GRIN MAJKL LESLI ; PRENDERGAST MORIS DZHOZEF ; DZHEFFRIZ EHNDRJU ; NOAKIS TIMOTI DZHEJMS ; JEFFRIES ANDREW ; GRAN M L ; NOKES T J ; JEFFERYS A ; JEFFERIES A ; GREEN M L ; NOAKES T J ; GREEN MICHALE LESLIE ; PRENDERGAST MAURICE J ; GREEN MICHAEL L ; NOAKES TIMOTHY J ; JEFFERIE ANDREW ; GREEN LESLIE ; NOAKES JAMES ; GREEN MICHEL LESLIE ; PRENDERGAST M J ; PRENDERGAST MAURICE ; JEFFERIES ANDREW ; GREEN MICHAEL LESLIE ; PRENDERGAST MAURICE JOSEPH ; NOAKES TIMOTHY JAMES

Inventor(s): ANDREW JEFFERIES ; MAURICE PRENDERGAST ; M J PRENDERGAST ; MICHEL LESLIE GREEN ; MAURICE JOSEPH PRENDERGAST ; ANDREW JEFFERIE ; A JEFFERIES ; T J NOAKES ; M L GREEN ; M L GRAN ; A JEFFERYS ; T J NOKES ; ML GREEN ; TJ NOAKES ; MJ PRENDERGAST ; TJ NOKES ; ML GRAN ; ANDREW JEFFRIES

Agent(s): CALLINANS; FISHER ADAMS KELLY CALLINANS; SPRUSON AND FERGUSON; DIMOCK STRATTON LLP; WILSON LUE LLP

Designated states: AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KP KR KZ LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TM TR TT UA UG US UZ VN

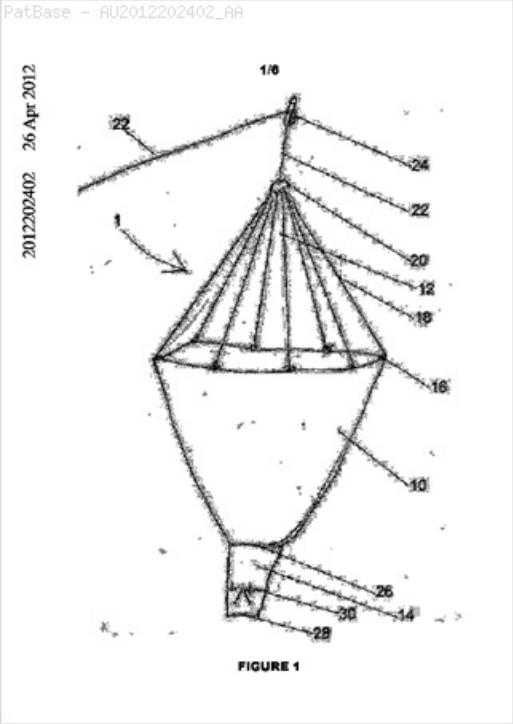
149) Family number: 52435332 (AU2012202402A)

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Title: Animal catcher

Abstract: The invention relates to an animal catcher for catching animals by use of an attractant. The catcher includes a substantially planar body, a release area, a release means, and a lifting means adapted to lift the substantially planar body so as to substantially catch any animals on the substantially planar body and to direct the captured animals into the release area. In use, the substantially planar body is positioned on the ground, the lifting means is attached to a structure, tree or the like substantially above, and the attractant is provided nearby. Animals are attracted onto the substantially planar body, and the lifting means is used to lift and catch the animals on the substantially planar body, direct them towards the release area, and release of the release means allows the animals to be removed through the aperture.

Classifications:
International (IPC 8-9): A01M23/02 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
AU2012202402 AA	20121115	AU20120202402	20120426

Priority:
AU20110901544 20110427 AU20120202402 20120426

Probable Assignee: ODGER GREGORY
Assignee(s): (std)**:** ODGER GREGORY
Assignee(s): ODGER GREGORY WILLIAM MR
Inventor(s): (std)**:** ODGER GREGORY WILLIAM
Agent(s): TJ IP PATENTS TRADE MARKS AND DESIGNS; TJIP PATENTS TRADE MARKS AND DESIGNS

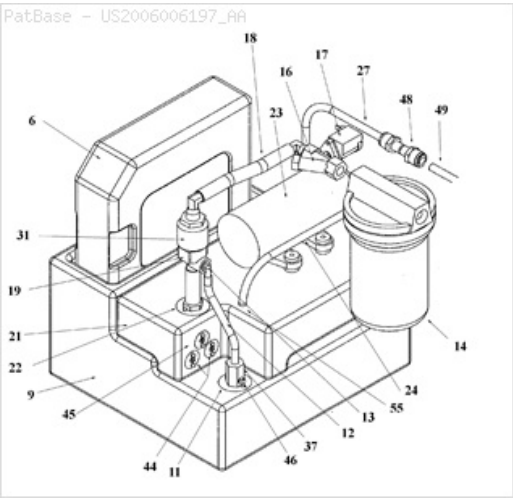
150) Family number: 32539334 (US2006006197A)

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Title: AN IMPROVED SELF-CONTAINED INSECT REPELLING AND KILLING APPARATUS

Abstract: An Improved Self-Contained Pyrethrum-Based Insect Repelling and Killing Apparatus for the purpose of dispensing a chemical agent whose function is to detract or alternatively attract and destroy, insects, in particular, flying insects, which serve to detract from human or canine enjoyment of the outdoors, especially in residential surroundings. Similarly, animals such horses and cows and other domesticated livestock are affected, often with deadly consequences, by infestations of these insects. The apparatus consists of a chemical source tank, a means of connecting a fluid source, usually water, a tank for chemical mixing and a pump means for mixing and creating pressure. All chemical tanks and mixing vessels are located inside of an encasement which is protected from outside intrusion. Mixing tank is of such size to eliminate any chance of chemical mixture separation and chemical mixture is agitated prior to each dispensing cycle. Fluid is disbursed under pressure through a series of narrow apertures fluid dispensing devices, interconnected to the apparatus through a flexible plastic delivery conduit. The Apparatus functions are controlled through the use of an attached electronic interface whose purpose is to effectively meter, sense and control apparatus functions. Preferred agent used is pyrethrum based, naturally occurring or synthesized, which possesses an antagonistic effect toward targeted pests but apparatus is designed to be adaptable to a wide range of natural or synthesized chemicals.

Classifications:
International (IPC 8-9): A01M1/20 A01M7/00 B05B7/12 B05B7/30 B05B9/04 B67D5/40 B67D7/58 (Advanced/Invention); A01M1/20 A01M7/00 B05B7/02 B05B7/24 B05B9/04 B67D7/58 (Core/Invention)
CPC: Y10S43/90 A01M1/245 A01M1/2038 A01M13/00 A01M29/12 A01M2200/012
European: A01M1/20C2H A01M1/24 A01M1/24B A01M13/00 A01M29/12 K01M200/012 K01M201/02
US: 222/372 239/329 239/332 239/340 239/407 43/132.1 43/900



Family:

Publication number	Publication date	Application number	Application date
US2006006197 AA	20060112	US20040904335	20041104
US7320439 BB	20080122	US20040904335	20041104

Priority:

US20040521300P 20040712 US20040904335 20041104

Probable Assignee: OUTDOOR SOLUTIONS INC

Assignee(s): (std): DAVIS MICHAEL ; DYKES CHARLES ; MOSQUITO COAST HOLDINGS LLC

Assignee(s): OUTDOOR SOLUTIONS INC

Inventor(s): (std): DAVIS MICHAEL ; DYKES CHARLES

Agent(s): LAW OFFICE OF KEN DALLARA, KEN DALLARA; LAW OFFICE OF KEN DALLARA KEN DALLARA; LAW OFFICES OF KEN DALLARA; DALLARA KEN; KEN

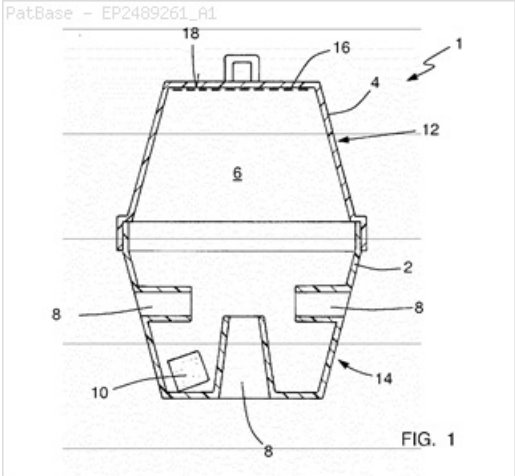
151) Family number: 44318340 (EP2489261A1)

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Title: TRAPPING DEVICE FOR FRUIT-FEEDING INSECTS

Abstract: Trapping device for frugivorous insects comprising [a] a base (2), and [b] a lid (4) removably joined together to form an insect confinement chamber (6), and [c] at least one insect entrance opening (8) into said chamber (6). The walls (18) delimiting said chamber (6) have, at least partially, a coating of contact insecticide (16) for killing the entering insects once they knock against the coating.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01M1/20 (Advanced/Invention)
CPC: A01M1/106 A01M1/02
European: A01M1/02 A01M1/10F A01M1/20B2



Family:

Publication number	Publication date	Application number	Application date
DE602010050667 D1	20180614	DE201060050667T	20101013
EP2489261 A1	20120822	EP20100790579	20101013
EP2489261 B1	20180516	EP20100790579	20101013
ES1071189 UA	20100203	ES20090030539U	20091016
ES1071189 Y1	20100505	ES20090030539U	20091016
ES2681689 T3	20180914	ES20100790579T	20101013
HR20181067 T1	20180907	HR20180001067	20180706
MA33748 B1	20121101	MA20120034866	20120514
TR201810985 T4	20180827	TR20180010985T	20101013

Priority:

ES20090030539U 20091016 EP20100790579 20101013 WO2010ES70660 20101013

Probable Assignee: ES DE DESARROLLOS QUIMICOS S L SOC

Assignee(s): (std): ES DE DESARROLLOS QUIMICOS S L ; ES DE DESARROLLOS QUIMICOS S L SOC

Assignee(s): ESPANOLA DE DESARROLLOS QUIMICOS S L SOC ; ESPANOLA DE DESARROLLOS QUIMICOS SL SOC ; SOCIEDAD ESPANOLA DE DESARROLLOS QUIMICOS S L

Inventor(s): (std): PALENCIA ADRUBAU JAUME ; JAUME PALENCIA ADRUBAU

Agent(s): CURELL SUNOL S L P; CURELL SUNOL SLP; CURELL MIREIA; TUGBA GUENDEMIR

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

152) Family number: 33211343 (US2006179708A)

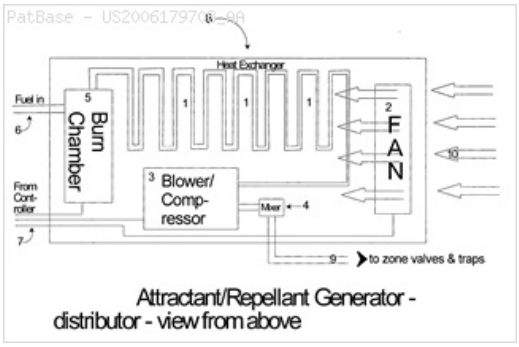
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Title: FLYING INSECT MANAGEMENT SYSTEM

Abstract: An integrated system to reduce the entry of flying insects into a predefined area; the system includes a plurality of insect management devices that can act as flying insect traps or flying insect repellants that are controlled either remotely via radio signals or through wires, by a micro controller that utilizes several environmental variables such as current wind speed, wind direction, rainfall, humidity, and other variables to then control the release and/or generation of attractants and/or repellents only to selected insect management devices around the predetermined area to be protected. Insect attractant and/or repellant is pumped underground from a central source to selected insect management devices.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/06 A01M1/08 A01M1/10 A01M13/00 A01M23/00 A01M7/00 (Advanced/Invention); A01M1/00 (Advanced/Non-invention)
CPC: A01M1/023 A01M1/026 A01M1/06 A01M29/12 A01M2200/012

European: A01M1/02C A01M1/02E A01M1/06 A01M29/12 K01M200/012 K01M201/02
US: 43/107 43/113 43/132.1 43/132.100 43/139



Attractant/Repellant Generator - distributor - view from above

Family:

Publication number	Publication date	Application number	Application date
US2006179708 AA	20060817	US20050059735	20050217
WO06088964 A2	20060824	WO2006US05346	20060216
WO06088964 A3	20070222	WO2006US05346	20060216

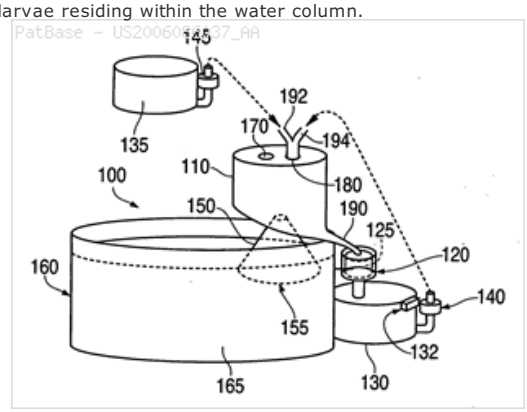
Priority:
US20050059735 20050217

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

153) Family number: 32865343 (US2006086037A)

Title: MOSQUITO HARVEST TRAP

Abstract: A mosquito harvest trap which includes a control unit, a holding chamber and a water tank. The trap is based on water column technology being used to harvest and expel mosquito larvae residing within the water column.
Classifications:
International (IPC 8-9): A01M1/00 A01M1/02 A01M1/10 A01M1/12 (Advanced/Invention);
A01M1/00 A01M1/02 (Core/Invention)
CPC: Y02A50/371 A01M1/12 A01M1/02 A01M2200/012
European: A01M1/02 A01M1/12 K01M200/012 K01M201/02
US: 43/107 43/132.1



Family:

Publication number	Publication date	Application number	Application date
US2006086037 AA	20060427	US20040968960	20041021
US7448160 BB	20081111	US20040968960	20041021

Priority:
US20040968960 20041021

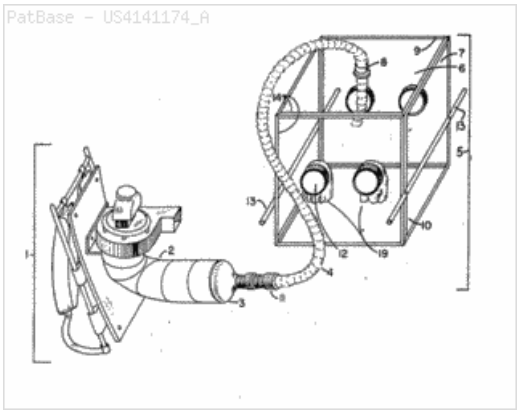
Probable Assignee: ROBERTS DONALD R
Assignee(s): (std): ROBERTS DONALD R
Inventor(s): (std): ROBERTS DONALD R
Inventor(s): ROBERTS DONALD
Agent(s): BAKER AND HOSTETLER LLP, WASHINGTON SQUARE; BAKER AND HOSTETLER LLP WASHINGTON SQUARE; BAKER AND HOSTETLER LLP

154) Family number: 7331347 (US4141174A)

Title: Quantitative apparatus for sampling athropods associated with field crops

Abstract: An apparatus for sampling insect populations in an agricultural crop environment is disclosed. The apparatus comprises a chamber to entrap insects thus allowing collecting said insects through the use of a vacuum by an operator and collecting said insects in a filter type bag from which the insects can be classified and counted.

Classifications:
International (IPC 8-9): A01M1/06 A01M5/00 (Advanced/Invention); A01M1/00 A01M5/00 (Core/Invention)
International (IPC 1-7): A01M1/06
CPC: A01M1/06 A01M5/00 A01M2200/012
European: A01M1/06 A01M5/00 K01M200/012 K01M201/02
US: 43/139



Family:

Publication number	Publication date	Application number	Application date
US4141174 A	19790227	US19770801273	19770527

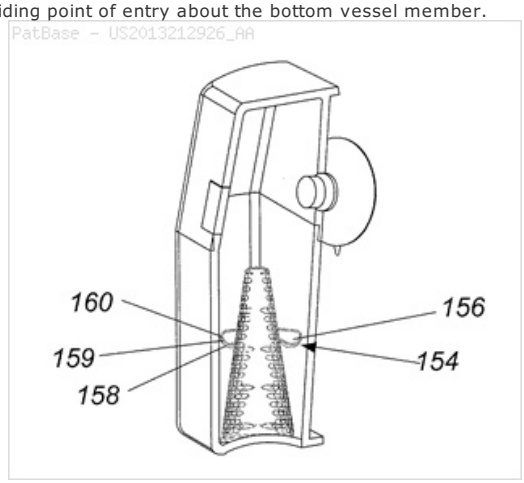
Priority:
US19770801273 19770527

Probable Assignee: US AGRICULTURE
Assignee(s): (std): US AGRICULTURE
Assignee(s): THE UNITED STATES OF AMERICA AS REPRESENTED BY THE ; THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF AGRICULTURE
Inventor(s): (std): SMITH JAMES W

155) Family number: 54569351 (US2013212926A)

Title: FLYING INSECT TRAP

Abstract: The present invention relates to fly and insect traps and more particularly to a trap capable of suctionally engaging a substantially flat non-porous surface that selectively traps insects. The trap is preferably constructed from a top vessel member, a bottom vessel member and a hollow frustum providing point of entry about the bottom vessel member.
Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01M1/24 (Advanced/Invention)
CPC: F16B47/00 A01M1/106
US: 43/107 43/119 43/122



Family:

Publication number	Publication date	Application number	Application date
US2013212926 AA	20130822	US20120402601	20120222
US8959830 BB	20150224	US20120402601	20120222

Priority:
US20120402601 20120222

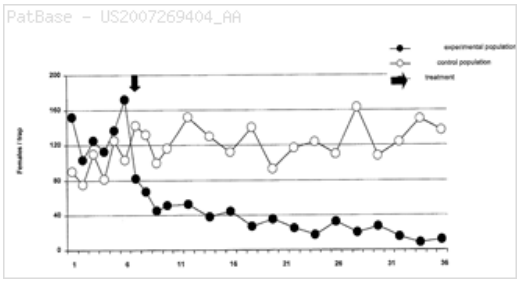
Probable Assignee: MCGAVIN ELISABETH
Assignee(s): (std): MCGAVIN ELISABETH
Assignee(s): MCFLY LLC
Inventor(s): (std): MCGAVIN ELISABETH
Agent(s): MCHALE AND SLAVIN PA

156) Family number: 40840354 (US2007269404A)

Title: CONTROLLING SUGAR FEEDING INSECTS

Abstract: Methods for controlling sugar feeding insects by a chemical compositions which includes mixing an extract of flowers and of fruit, or their components in water with predetermined amount of sugar mixture and oral toxin. The methods also concern applying an effective amount of the insect bait to an area to be controlled and trapping or killing the insects by a bait stations. Methods of applying and the parameters of choosing a suitable location for applying the bait are disclosed.
Classifications:

International (IPC 8-9): A01M1/02 A01M1/04 A01M1/06 A01M1/08 A01M1/10 A01M1/22 A01N25/00 A01N25/08 A01N43/04 A01N59/14 A01N65/00 (Advanced/Invention);
A01M1/00 A01M1/02 A01M1/08 A01N25/00 A01N25/08 A01N43/02 A01N59/14 A01N65/00 (Core/Invention)
International (IPC 1-7): A01N25/00
CPC: A01M1/023 A01M1/08 A01N31/02 A01N35/02 A01N37/36 A01N37/44 A01N25/006 A01N43/22
European: A01M1/02C A01M1/08 A01N25/00B4 A01N31/02 A01N35/02 A01N37/36 A01N37/44 A01N43/22
US: 424/410 424/410P 424/658 424/658S 424/778 424/778S 424/84 43/112 43/113 514/28 514/28S



Family:

Publication number	Publication date	Application number	Application date
BRPI0710746 A2	20110614	BR2007PI10746	20070521
CN101500411 A	20090805	CN200780024337	20070521
IN07071CN2008 A	20090327	IN2008CN07071	20081222
IN283364 B	20170519	IN2008CN07071	20081222
MX2008014897 A1	20090217	MX20080014897	20070521
US2007269404 AA	20071122	US20070692955	20070329
US2010229459 AA	20100916	US20070302025	20070524
US8420070 BB	20130416	US20070692955	20070329
WO07135675 A2	20071129	WO2007IL00612	20070521
WO07135675 A3	20090423	WO2007IL00612	20070521
WO07135687 A2	20071129	WO2007IL00631	20070524
WO07135687 A3	20090423	WO2007IL00631	20070524

Priority:

US20060747820P 20060522 US20070692955 20070329 WO2007IL00612 20070521
US20070302025 20070524 WO2007IL00631 20070524

Probable Assignee: WTO INVESTMENTS LLC

Assignee(s): (std): MULLER GUNTER C ; SCHLEIN YOSEF ; SIMCHONI BARAK MIRI ; WESTHAM LTD ; MUELLER GUENTER

Assignee(s): MULLER GUNTER ; WTO INVESTMENTS LLC ; WTO INVESTMENT LLC

Inventor(s): (std): MULLER GUNTER C ; SIMCHONI BARAK MIRI ; SCHLEIN YOSEF ; MULLER GUNTER ; MIRI SIMCHONI BARAK ; YOSEF SCHLEIN ; GUNTER MULLER

Agent(s): DR MARK M FRIEDMAN C O BILL POLKINGHORN DISCOVERY DISPATCH; REUVEN K; FRIEDMAN MARK

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 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 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

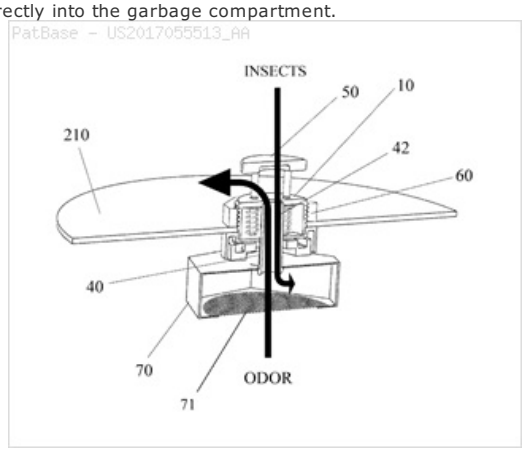
157) Family number: 65074356 (US2017055513A)

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Title: INSECT TRAP FOR A GARBAGE RECEPTACLE

Abstract: An insect trap that is attached or molded onto a garbage receptacle and that relies on the garbage inside the garbage receptacle to attract or lure insects into a trap compartment designed to effectively entrap said insects permanently. Once the trap compartment is ready to be discarded, a release mechanism driven by an actuator is used to press the trap compartment against a release plate until the trap compartment is released or dislodged into the garbage receptacle. Thus, the user of the insect trap does not have to physically touch the trap compartment that is full of trapped insects. Instead, through the use of the actuator, the trap compartment is released directly into the garbage compartment.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01M1/12 A01M1/14 B65F1/00 B65F1/08 B65F1/16 B65F7/00 (Advanced/Invention);
B65F1/16 (Advanced/Non-invention)
CPC: A01M1/12 A01M1/103 A01M1/106 A01M1/02 A01M1/04 A01M1/10 A01M1/14 A01M1/145 B65F1/02 B65F1/16 B65F2001/1653
US: 43/120



Family:

Publication number	Publication date	Application number	Application date
US2017055513 AA	20170302	US20150840300	20150831
US2018235201 AA	20180823	US20160753080	20160830
US10098336 BB	20181016	US20150840300	20150831
WO17040540 A1	20170309	WO2016US49519	20160830

Priority:

US20150840300 20150831 US20150249041P 20151030 US20160297003P 20160218
WO2016US49519 20160830 US20160753080 20160830

Probable Assignee: KEIL INNOVATIONS LLC

Assignee(s): (std)**:** DARNELL DENNIS ; DARNELL JOYLYN ; KEIL INNOVATIONS LLC

Inventor(s): (std)**:** DARNELL JOYLYN ; DARNELL DENNIS ; GRIMM JOHN PAUL

Agent(s): GREENSPOON MARDER LLP; LANGFORD TODD 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

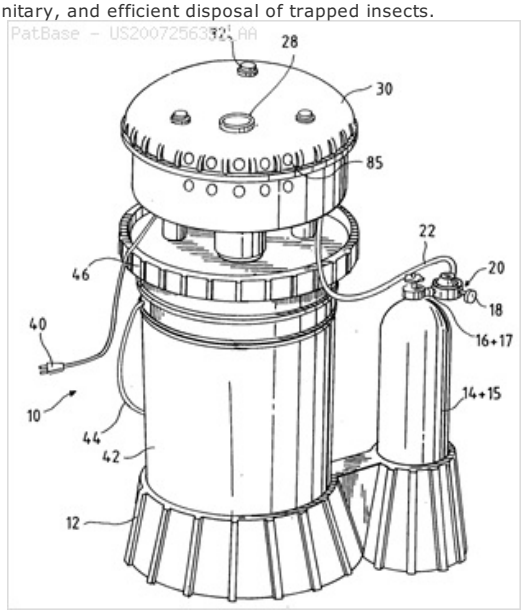
158) Family number: 40797356 (US2007256351A)

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Title: DEVICE AND METHOD FOR CONVERTING A CONTAINER INTO AN INSECT TRAPPING DEVICE

Abstract: An insect trapping device that utilizes an air, water, and light tight container, a centrifugal blower, an insect attractant including, but not limited to, a prism which diffracts light from a translucent light source and a supply of compressed carbon dioxide gas possibly mixed with a tracer gas providing an odor for safety during travel and storage. The insect present invention is further provided with a plurality of apertures through which insects may enter the device, and a weather protector to protect the present invention from natural elements. The insect present invention is further provided with an electricity source and a button for initiating the electricity, and therefore, the gas supply provided from a compressed gas cylinder. The insect present invention is further provided with a support stand for stability on uneven surfaces. The container can contain a bag with a stabilizing insert for safe, easy, sanitary, and efficient disposal of trapped insects.

Classifications:
International (IPC 8-9)**:** A01M1/06 (Advanced/Invention); A01M1/00 (Core/Invention)
CPC: A01M1/023 A01M1/08
European: A01M1/02C A01M1/08
US: 43/132.1 43/139



Family:

Publication number	Publication date	Application number	Application date
US2007256351 AA	20071108	US20050076191	20050308

Priority:

US20050076191 20050308

Probable Assignee: MILTON LESLIE A

Assignee(s): (std)**:** MILTON LESLIE A

Inventor(s): (std)**:** MILTON LESLIE A

Inventor(s): MILTON LESLIE ; MILTON LESLIE ALAN

Agent(s): DENISON AND ASSOCS PC

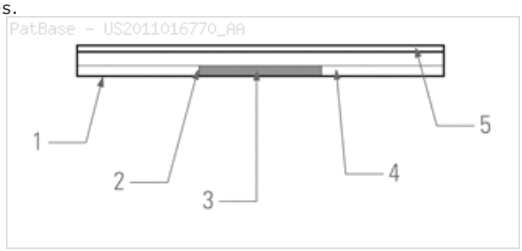
159) Family number: 43653357 (US2011016770A)

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Title: METHOD FOR COMBINED APPLICATION OF TWO SUBSTANCES FOR SIMULTANEOUS PREVENTION AND MONITORING OF DIFFERING TYPES OF PEST

Abstract: The idea of the combination trap is to enable an apiarist to simultaneously control two bee pests in a single operation. In places where one of the pests does not yet occur, the trap serves in monitoring and prevention. The trap comprises a mechanically simple apparatus and two active substances.

Classifications:
International (IPC 8-9)**:** A01K51/00 A01M1/20 A01N59/00 A01N59/06 A01P7/02 A01P7/04 (Advanced/Invention); A01K51/00 (Core/Invention)
CPC: A01K51/00
European: A01K51/00
US: 424/722 424/722S 424/724 424/724S 43/107 43/107P



Family:

Publication number	Publication date	Application number	Application date

AU2009217099 AA	20090827	AU20090217099	20090217
DE112009000939 A5	20110120	DE200911000939T	20090217
EP2247179 A2	20101110	EP20090712253	20090217
US2011016770 AA	20110127	US20090918041	20090217
WO09103276 A2	20090827	WO2009DE000223	20090217
WO09103276 A3	20091210	WO2009DE000223	20090217

Priority:

DE200810009666 20080218 EP20080075518 20080526 US20080105098P 20081014
US20080105098 20081014 EP20090712253 20090217 US20090918041 20090217
WO2009DE000223 20090217

Probable Assignee: BUCHHOLZ SVEN

Assignee(s): (std)**:** BUCHHOLZ SVEN

Assignee(s): SVEN BUCHHOLZ

Inventor(s): (std)**:** BUCHHOLZ SVEN

Inventor(s): SVEN BUCHHOLZ

Agent(s): EAGAR BARRY MR; BARRY EAGAR; EAGAR AND MARTIN PTY LTD; EAGAR AND ASSOCIATES PTY LTD; LANGE SVEN; JOYCE VON NATZMER,PEQUIGNOT AND MYERS LLC; JOYCE VON NATZMER PEQUIGNOT AND MYERS LLC

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 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 ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

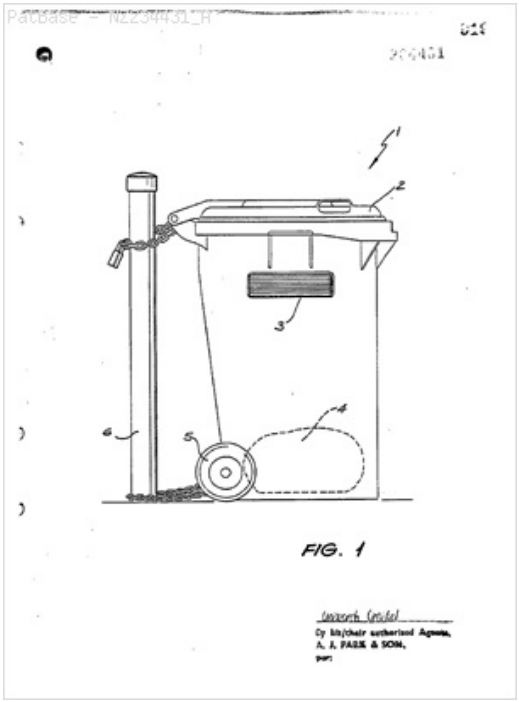
160) Family number: 3334360 (NZ234431A)

© PatBase

Title: FLY BAIT BIN CONTAINING ATTRACTANCT, INSECTICIDE AND SELECTIVELY SIZED APERTURES FOR LUCILIA CUPRINA

Abstract: 1. A fly bait bin comprising a bin adapted to contain an L.cuprina attractant and an effective insecticide, said bin being sealable but for at least one opening dimensioned to allow entry of L.cuprina. 6. A method for baiting flies comprising taking a bin or bins adapted to ccatain an L.cuprina attractant and an effective insecticide, adding L.cuprina attractant and an effective insecticide to said bin(s), sealing said bins(s) but for an opening or openings dimensioned to allow entry of L.cuprina, and locating said bin(s) in L.cuprina preferred habitat(s).

Classifications:
International (IPC 8-9): A01N25/00 (Advanced/Invention); A01N25/00 (Core/Invention)
International (IPC 1-7): A01M1/00 A01M1/02 A01M1/20 A01M5/02
CPC: A01N25/006
European: A01N25/00B4



Family:

Publication number	Publication date	Application number	Application date
AU199058826 A1	19910117	AU19900058826	19900709
AU627905 B2	19920903	AU19900058826	19900709
NZ234431 A	19930225	NZ19900234431	19900710

Priority:

AU1989PJ05252 19890713 AU19900058826 19900709

Probable Assignee: UNISEARCH LTD

Assignee(s): (std)**:** UNISEARCH LTD

Assignee(s): UNISEARCH LIMITED

Inventor(s): (std)**:** ANDERSON JENNIFER M E ; ANDERSON JENNIFER MERCIANA ELI

Inventor(s): ANDERSON JENNIFER MERCIANA ELIZABETH ; JENNIFER M E ANDERSON ; JENNIFER MERCIANA ELIZABETH ANDERSON

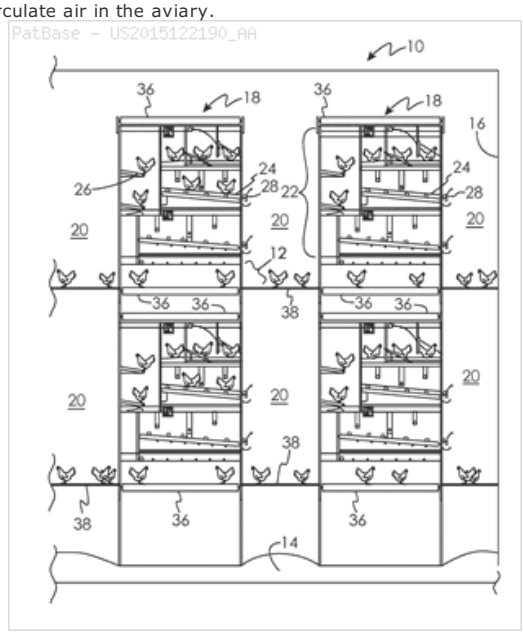
Agent(s): FB RICE; FB RICE PTY LTD

161) Family number: 59134366 (US2015122190A)

Title: AVIARY WALKWAY AND VENTILATION SYSTEM AND METHOD OF CIRCULATING AIR IN AN AVIARY

Abstract: The present embodiments provide an aviary that includes a floor, a roof, and at least one wall having a plenum to draw air adjacent the roof down the plenum toward the floor. At least one cage tower is disposed on the floor. At least one walkway is disposed adjacent the at least one cage tower and is configured to facilitate bird access to the at least one cage tower. A fan is disposed in flow communication with the plenum to circulate air in the aviary.

Classifications:
International (IPC 8-9): A01K1/01 A01K1/02 A01K31/00 A01K31/04 A01K31/06 A01K31/10 A01K31/12 A01K31/14 A01K31/16 A01K31/17 A01K31/18 A01K31/20 A01K31/22 F24F13/00 F24F7/007 (Advanced/Invention); A01K31/00 (Advanced/Non-invention)
CPC: A01K31/00 F24F13/00 A01K31/12 A01K31/04 A01K31/14 A01K31/16 A01K31/165 A01K31/005 A01K31/17 Y10T29/49 Y10T29/49861 A01K31/18 A01K1/015 A01K31/22 Y10T29/49826
US: 1/1 119/329 119/334 119/335 119/448 119/455 119/459 119/468 29/428 29/445 29/592 454/338



Family:

Publication number	Publication date	Application number	Application date
AU2014259494 AA	20150521	AU20140259494	20141104
AU2014259494 BB	20180809	AU20140259494	20141104
EP2878195 A2	20150603	EP20140191765	20141104
EP2878195 A3	20150722	EP20140191765	20141104
EP2959772 A2	20151230	EP20150178388	20141104
EP2959772 A3	20160511	EP20150178388	20141104
NZ701660 A	20170825	NZ20140701660	20141104
US2015122190 AA	20150507	US20140530807	20141102
US2015122191 AA	20150507	US20130071160	20131104
US2015122192 AA	20150507	US20140530803	20141102
US2015122193 AA	20150507	US20140530808	20141102
US2015122195 AA	20150507	US20140530801	20141102
US2015126105 AA	20150507	US20140530800	20141102
US2015230432 AA	20150820	US20140181379	20140214
US2015230433 AA	20150820	US20140181463	20140214
US2015264894 AA	20150924	US20140217548	20140318
US2017290303 AA	20171012	US20170625806	20170630
US9307747 BB	20160412	US20140181379	20140214
US9504234 BB	20161129	US20140530803	20141102
US9538731 BB	20170110	US20140217548	20140318
US9723818 BB	20170808	US20140530808	20141102
US10104872 BB	20181023	US20140181463	20140214
US10130078 BB	20181120	US20130071160	20131104

Priority:

US20130071160 20131104 US20140181379 20140214 US20140181463 20140214
US20140217548 20140318 US20140530800 20141102 US20140530807 20141102
US20140530803 20141102 US20140530808 20141102 US20140530801 20141102
EP20140191765 20141104 US20170625806 20170630

Probable Assignee: ROSE ACRE FARMS INC

Assignee(s): (std): ROSE ACRE FARMS INC

Assignee(s): COOPERATIEVE RABOBANK UA NEW YORK BRANCH ADMINISTRATIVE AGENT AS

Inventor(s): (std): DART JOSEPH M ; HURD DAVID ; RUST MARCUS D ; RUST MARCUS ; JOSEPH M DART ; DAVID HURD ; MARCUS D RUST ; HURD DAVID S

Agent(s): PIZZEYS PATENT AND TRADE MARK ATTORNEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; JOHNSON YVONNE CATHERINE; ICE MILLER LLP

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

162) Family number: 28357366 (US2003044443A)

Title: CONTROL OF PARASITIC MITES OF HONEY BEES

Abstract: The present invention is directed to methods and compositions for use to control parasitic mites of honey bees, particularly Varroa mites. In one aspect, the invention is directed to control of parasitic mites of honey bees wherein the

active ingredient is a miticidally effective amount of a selected ketone or 1-heptanol, ethyl butyrate, benzaldehyde, heptaldehyde, or d-limonene. In a second aspect, the invention is directed to control of parasitic mites of honey bees wherein the active ingredient is an effective attractant amount of 2-heptanone. The attracted mites are then trapped or otherwise removed from the locus of the bees. The present invention is also directed to methods and compositions which include 2-heptanone to control hive invading pests of honey bees.

Classifications:

International (IPC 8-9): A01N25/18 A01N27/00 A01N35/02 A01N35/04 A01N37/02 A61K31/12 (Advanced/Invention); A01N25/18 A01N27/00 A01N35/00 A01N37/02 (Core/Invention)
International (IPC 1-7): A01N25/08 A01N25/18 A01N27/00 A01N27/00 A01N31/02 A01N31/02 A01N35/00 A01N35/02 A01N35/02 A01N35/04 A01N35/04 A01N37/02 A01N37/02 A61K31/12
CPC: Y10S514/964 A01N37/02 A01N27/00 A01N35/02 A01N35/04
European: A01N27/00 A01N35/02 A01N35/04 A01N37/02
US: 424/405 424/409 424/84 514/546 514/675 514/964

Family:

Publication number	Publication date	Application number	Application date
CA2439112 AA	20030825	CA20022439112	20020228
CN1505504 A	20040616	CN20028009029	20020228
EA200300945 A1	20040226	EA20030000945	20020228
EP1372623 A1	20040102	EP20020723256	20020228
EP1372623 A4	20040506	EP20020723256	20020228
US2003044443 AA	20030306	US20020087161	20020227
US2005090560 AA	20050428	US20040944261	20040917
US6843985 BB	20050118	US20020087161	20020227
US7423068 BB	20080909	US20040944261	20040917
WO02067914 A1	20020906	WO2002US05986	20020228

Priority:

US20010272097P 20010228 US20020087161 20020227 WO2002US05986 20020228 US20040944261 20040917

Probable Assignee: CEREXAGRI INC

Assignee(s): (std): BECKER CHRISTIAN G ; CEREXAGRI INC ; DE GRANDI HOFFMAN GLORIA ; DEEBY THOMAS A ; ERICKSON ERIC H ; WHITSON ROY S ; US OF AMERICA REPRESENTED B AS ; US OF AMERICA REPRESENTED BY T ; US AGRICULTURE ; UNITED STATES DEPARTMENT OF AGRICULTURE

Assignee(s): THE UNITED STATES OF AMERICA AS REPRESENTED BY THE ; THE UNITED STATES OF AMERICA REPRESENTED BY THE SE ; THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF AGRICUL TUR ; THE UNITED STATES OF AMERICA REPRESENTED BY THE SECRETARY OF AGRICULTURE ; THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF AGRICULTURE ; SECRETARY OF AGRICULTURE US GOV ; SECRETARY OF AGRICULTURE US GOV AS ; SECRETARY OF AGRICULTURE AS US GOV ; SECRETARY OF AGRICUL TUR AS US GOV ; SECRETARY OF AGRICUL TURE US GOV AS ; AGRICULTURE US GOV SECRETARY OF AS ; AGRICULTURE US SEC ; DEGRANDI HOFFMAN GLORIA

Inventor(s): (std): BECKER CHRISTIAN G ; DE GRANDI HOFFMAN GLORIA ; DEEBY THOMAS A ; DEGRANDI HOFFMAN GLORIA ; ERICKSON ERIC H ; ERICKSON ERIC H JR ; ERICKSON JR ERIC H ; GLORIA DEGRANDI HOFFMAN ; WHITSON ROY S

Inventor(s): BECKER CHRISTIAN ; WHITSON ROY ; ERICKSON ERIC HJR ; ERICKSON ERIC ; DEEBY THOMAS

Agent(s): BORDEN LADNER GERVAIS LLP; USDA-ARS-OFFICE OF TECHNOLOGY TRANSFER, PATENT ADVISORS OFFICE; USDA ARS OFFICE OF TECHNOLOGY TRANSFER PATENT ADVISORS OFFICE; LESLEY; MARGARET A; JOHN D; SAMPSON ELIZABETH R; CONNOR MARGARET A; FADO JOHN D; ELIZABETH R

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 CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

163) Family number: 33118368 (US2008163541A)

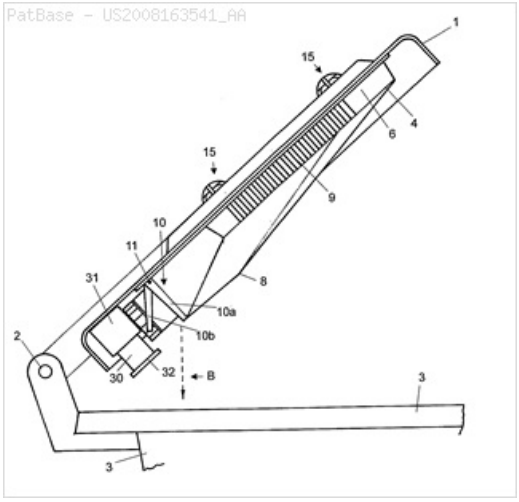
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Title: FLYING INSECT TRAP

Abstract: A flying insect trap which is incorporated into the lid of a rubbish bin and which has a one way entry through the lid into a compartment into which an attractant/insecticide is introduced. The dead insects which have entered the trap fall onto the floor of the compartment which has a door which automatically opens when the lid of the rubbish bin is opened to discharge the dead insects from the compartment into the rubbish bin.

Classifications:

International (IPC 8-9): A01M1/10 A01M1/20 B65F1/16 B65F7/00 (Advanced/Invention);
A01M1/00 A01M1/20 B65F1/16 B65F7/00 (Core/Invention)
International (IPC 1-7): A01M1/02 A01M1/10 A01M1/20 B65F1/16
CPC: B65F2001/1653 B65F1/16 A01M1/10 A01M1/106 A01M1/20 A01M2200/012
European: A01M1/10 A01M1/10F A01M1/20 B65F1/16 K01M200/012 K01M201/02
US: 43/120 43/121 43/131



Family:

Publication number	Publication date	Application number	Application date
AU2006214872 AA	20060824	AU20060214872	20060220
CA2598175 AA	20070816	CA20062598175	20060220
CN101123877 A	20080213	CN200680005374	20060220
EP1853109 A1	20071114	EP20060716798	20060220
NZ538276 A	20060630	NZ20050538276	20050220
US2008163541 AA	20080710	US20060884721	20060220
WO06088382 A1	20060824	WO2006NZ00021	20060220
WO06088382 B1	20060928	WO2006NZ00021	20060220

Priority:

NZ20050538276 20050220 WO2006NZ00021 20060220

Probable Assignee: BIN TRAP LTD

Assignee(s): (std): BIN TRAP LTD ; HARRIS MIKAEL IVAN

Assignee(s): BIN TRAP LIMITED

Inventor(s): (std): HARRIS MIKAEL IVAN ; IVAN HARRIS MIKAEL

Inventor(s): MIKAEL IVAN HARRIS

Agent(s): PETER MAXWELL AND ASSOCIATES; RIDOUT AND MAYBEE LLP; D PETER HOCHBERG CO LPA

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

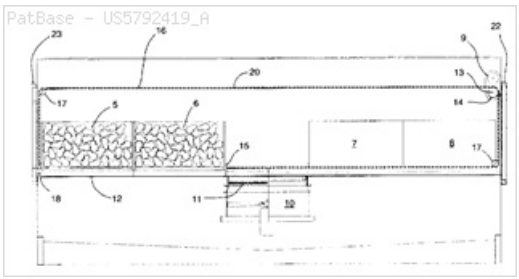
164) Family number: 23912369 (US5792419A)

© PatBase

Title: Mechanically loaded direct air circulation commodity disinfestation chamber

Abstract: A disinfestation treatment chamber for treating fruit, flower and vegetable commodities subject to infestation by quarantine pests. The commodities are disinfested so as to meet quarantine restrictions without adversely affecting the quality of the commodity. The commodity is heated inside of the chamber in hot air having a relative humidity of 30-85 percent until the temperature of the commodity exceeds the thermal death point temperature of the target pest but is not so high as to adversely affect the quality of the commodity. The temperature of the commodity is held at this temperature until the pest is killed. The commodity is loaded into the treatment chamber in bins onto a low friction conveyor track system which transports the bins from one end of the chamber to the other. The commodities are treated while they are inside of the treatment chamber. After treatment of the commodities, the bins are unloaded using the low friction conveyor track system out of the opposite end of the treatment chamber. The chamber includes a fan/heat exchanger located inside the treatment chamber and positioned under the commodity bins. The space directly above the fan/heat exchanger is left unobstructed during treatment to enhance the airflow through the commodity bins.

Classifications:
International (IPC 8-9): A01M1/00 A01M17/00 A23B7/00 A23B7/005 A23B9/02 A23L3/18 (Advanced/Invention);
A01M17/00 A23B7/00 (Advanced/Non-invention);
A01M1/00 A01M17/00 A23L3/16 (Core/Invention)
International (IPC 1-7): A01M1/00 A01M13/00 A01M17/00 A01M19/00 A01N3/00 A23B7/00 A23L3/18 A61L2/00 A61L2/06 B01B9/00 B01J19/00 G05B1/00
CPC: A23B7/0053 A23B9/025
European: A23B7/005F A23B9/02F
US: 108/51.1 422/1 422/109 422/28 422/307 422/308 422/32 422/40 426/407 426/419 426/521 43/124 472/1



Family:

Publication number	Publication date	Application number	Application date
AU199476002 A1	19950403	AU19940076002	19940822
AU199889431 A1	19990304	AU19980089431	19981021
AU731791 B2	20010405	AU19980089431	19981021
JP9502868 T2	19970325	JP19950509187T	19940822
NZ271896 A	19980226	NZ19940271896	19940822
US5792419 A	19980811	US19970825408	19970327
US6146600 A	20001114	US19990225743	19990104
US6171561 BA	20010109	US19980022711	19980212
US6447737 BA	20020910	US20000702258	20001101
WO9507612 A1	19950323	WO1994US09385	19940822

Priority:

US19930123519 19930917 AU19940076002 19940822 WO1994US09385 19940822
US19960589586 19960122 US19970825408 19970327 US19980022711 19980212
AU19980089431 19981021 US19990225743 19990104 US20000702258 20001101

Probable Assignee: WILLIAMSON MICHAEL R PHD

Assignee(s): (std): UNIV HAWAII ; UNIVERSITY OF HAWAII ; WILLIAMSON MICHAEL R

Assignee(s): WILLIAMSON MICHAEL R PHD ; HAWAII UNIV ; HAWAII UNIV OF ; OF HAWAII UNIV

Inventor(s): (std): WINKLEMAN PAUL MARTIN ; WILLIAMSON MICHAEL RONALD ; PAUL MARTIN WINKLEMAN ; MICHAEL RONALD WILLIAMSON

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD

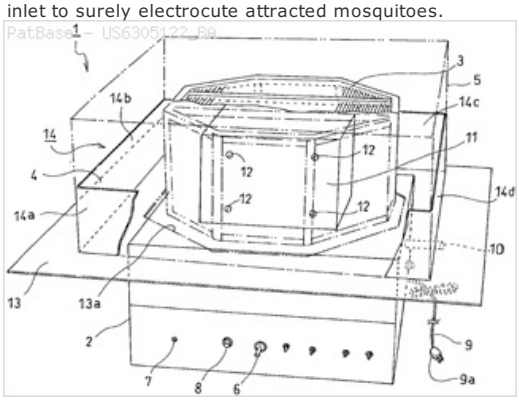
Designated states: AM AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK ES FI FR GA GB GE GN GR HU IE IT JP KE KG KP KR KZ LK LT LU LV MC MD MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SI SK SN TD TG TJ TT UA UZ VN

165) Family number: 11464377 (US6305122B)

Title: MOSQUITO KILLING APPARATUS AND MOSQUITO TRAPPING APPARATUS

Abstract: A mosquito killing apparatus includes an electroshock unit to which a high voltage applies, a heater to generate heats, a carbon dioxide (CO2) gas introduction inlet connected to discharging portions for discharging carbon dioxide (CO2) gas around the electroshock unit, and a protection cover provided outside the electroshock unit for covering the electroshock unit. The carbon dioxide (CO2) gas introduction inlet can be connected to carbon dioxide (CO2) gas generating means of various types, and a carbon dioxide (CO2) gas staying unit is formed around the electroshock unit to stay the carbon dioxide (CO2) gas introduced from the carbon dioxide (CO2) gas introduction inlet to surely electrocute attracted mosquitoes.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/14 A01M1/20 A01M1/22 (Advanced/Invention);
A01M1/00 A01M1/02 A01M1/20 (Core/Invention)
International (IPC 1-7): A01M1/02 A01M1/14 A01M1/22
CPC: Y02A50/371 A01M1/223 A01M1/023 A01M1/14 A01M1/145 A01M1/2038 A01M2200/012
European: A01M1/02B A01M1/02C A01M1/14 A01M1/14B A01M1/20C2H A01M1/22 A01M1/22B K01M200/012 K01M201/02
US: 43/112 431/120



Family:

Publication number	Publication date	Application number	Application date
AU199933910 A1	19991216	AU19990033910	19990607
AU751781 B2	20020829	AU19990033910	19990607
JP11346628 A2	19991221	JP19980176711	19980609
JP3520963 B2	20040419	JP19980176711	19980609
US6305122 BA	20011023	US19990311724	19990514

Priority:

JP19980176711 19980609

Probable Assignee: CHUBU ELECTRIC POWER CO LTD

Assignee(s): (std): CHUBA SEIKI CO INC ; CHUBU ELECTRIC POWER ; CHUBU SEIKI CO INC ; CHUBU SEIKI KK ; CHUBA ELECTRIC POWER CO INC

Assignee(s): CHUBA SEIKI CO ; CHUBA ELECTRIC POWER CO ; CHUBU ELECTRIC POWER CO LTD ; CHUBU SEIKI CO ; CHUBU ELECTRIC POWER CO ; CHUBU ELECTRIC POWER CO INC

Inventor(s): (std): MAKIYA KIYOSHI ; IWAO KENZOU ; INOUE YOSHIHIRO ; AOKI TETSUYA ; MAKITA KIYOSHI ; IWAO KENZO

Inventor(s): KENZO IWAO ; KIYOSHI MAKITA ; TETSUYA AOKI ; YOSHIHIRO INOUE

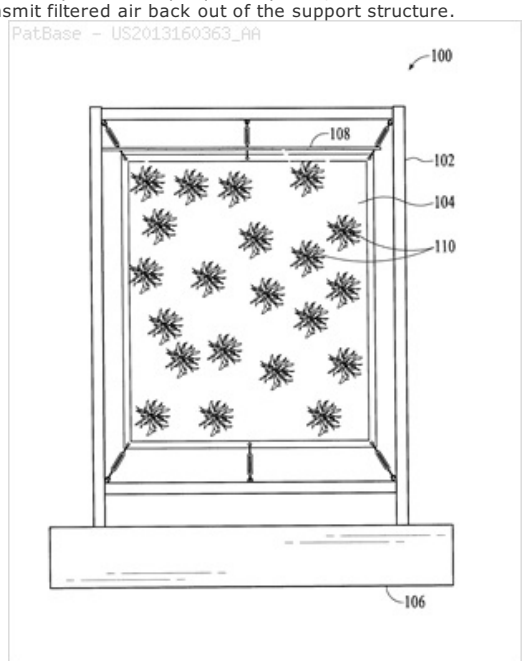
Agent(s): HODGKINSON MCINNES PATENTS; IP SOLVED ANZ PTY LTD

166) Family number: 51111377 (US2013160363A)

Title: AQUAPONIC VERTICAL GARDEN WITH INTEGRATED AIR CHANNEL FOR PLANT-BASED AIR FILTRATION

Abstract: Embodiments are described for a closed-loop, vertical garden system for growing plants and filtering air and water comprising: a support structure; a composite, grow media configured to physically support the growth of plants and distribute water to the roots of the plants through capillary action through the area of the grow media; a water source coupled to the grow media through a pump and plumbing system, wherein the plumbing system is configured to draw water from the water source through the grow media and back to the water source in substantially closed loop aquatic system; and an air flow subsystem configured to draw outside air through the plants and transmit filtered air back out of the support structure.

Classifications:
International (IPC 8-9): A01G31/00 A01G31/02 A01G9/02 (Advanced/Invention)
CPC: A01G9/022 Y02B10/30 A01G31/02 A01G9/025 Y02P60/244 Y02P60/216 A01K63/04
European: A01G31/02 A01G9/02C3 Y02B10/30 Y02B10/50
US: 47/59.00R 47/59R 47/59S 47/62.00A 47/62.00N 47/62.00R 47/62A 47/62N 47/62R 47/66.6



Family:

Publication number	Publication date	Application number	Application date
US2013160363 AA	20130627	US20130773201	20130221
US8181391 BA	20120522	US20090403939	20090313
US8516743 BA	20130827	US20100792701	20100602
US8578651 BA	20131112	US20100792696	20100602
US9032665 BB	20150519	US20130773201	20130221

Priority:

US20080069447P 20080314 US20090403939 20090313 US20100792696 20100602
US20100792701 20100602 US20100792683 20100602 US20130773201 20130221

Probable Assignee: INKA BIOSPHERIC SYSTEMS

Assignee(s): (std): GIACOMANTONIO PAUL ; GIACOMANTONIO PAUL J ; INKA BIOSPERIC SYSTEMS ; INKA BIOSPHERIC SYSTEMS ; TOMKAT RANCH EDUCATIONAL FOUNDATION

Inventor(s): (std): GIACOMANTONIO PAUL ; GIACOMANTONIO PAUL J ; WHITNEY CHRISTOPHER J

Agent(s): DERGOSITS AND NOAH LLP; GEOFFREY T; STANIFORD TOMITA LLP

167) Family number: 17168378 (ES1022453Y)

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Title: APARATO ATRAPADOR DE MOSCAS.

Abstract: Source: ES1022453U [ES] APARATO ATRAPADOR DE MOSCAS, CARACTERIZADO PORQUE ESTA CONSTITUIDO POR UN RECIPIENTE EN CUYO CUERPO APARECEN PRACTICADAS UNA SERIE DE ABERTURAS, POR DONDE ENTRAN LAS MOSCAS, Y CUYAS ABERTURAS ESTAN LOCALIZADAS EN EL SENTIDO PERIMETRAL Y PROXIMAS A LA TAPA DE CIERRE DOTADA DE MEDIOS DE ENGANCHE DE UN ASA FILIFORME PARA COLGAR EL APARATO ADECUADAMENTE; MIENTRAS QUE EN LA PARED DE FONDO DEL RECIPIENTE SE DISPONE UN ENVASE QUE CONTIENE LIQUIDO CUYO AROMA SALE POR EL CORTE O ABERTURA PRACTICADA EN EL EXTREMO LIBRE DE UNA BOQUILLA QUE PRESENTA UN TAPON DE CIERRE.

Machine translation: Fly catcher apparatus, characterized in that it is constituted by a container whose body appear practiced A SERIES OF OPENINGS, WHERE THEY ENTER THE FLIES, AND THE OPENINGS ARE LOCATED IN THE CIRCUMFERENTIAL DIRECTION AND NEXT TO THE CLOSURE CAP PROVIDED WITH ENGAGEMENT MEANS OF A FILIFORM HANDLE FOR HANGING THE APPARATUS properly; WHILE IN THE BOTTOM WALL OF THE CONTAINER IS ARRANGED A CONTAINER CONTAINING LIQUID AROMA WHICH EXITS THE CUTTING OR OPENING AT THE FREE END OF A NOZZLE HAVING A closure cap.

Classifications:
International (IPC 8-9): A01M1/02 (Advanced/Invention); A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/02

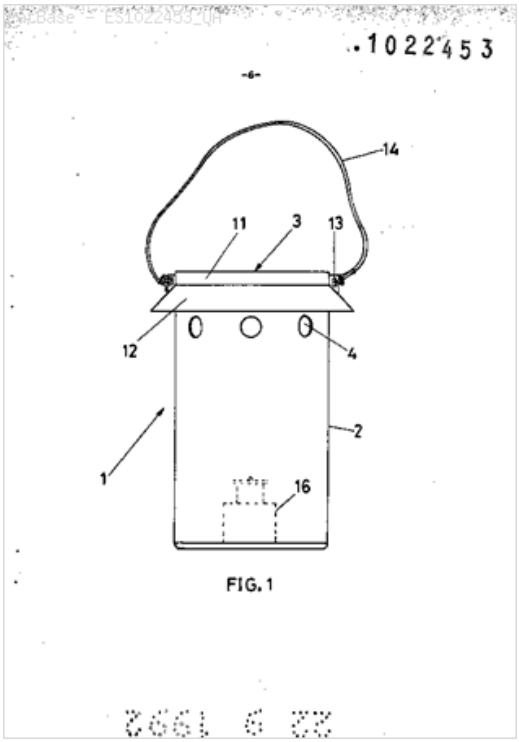


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
ES1022453 UA	19930401	ES19920002778U	19920922
ES1022453 Y1	19931001	ES19920002778U	19920922
ES1022453 YA	19931001	ES19920002778U	19920922

Priority:

ES19920002778U 19920922

Probable Assignee: AGROALCOY S L

Assignee(s): (std): AGROALCOY S L

Assignee(s): AGROALCOY SL

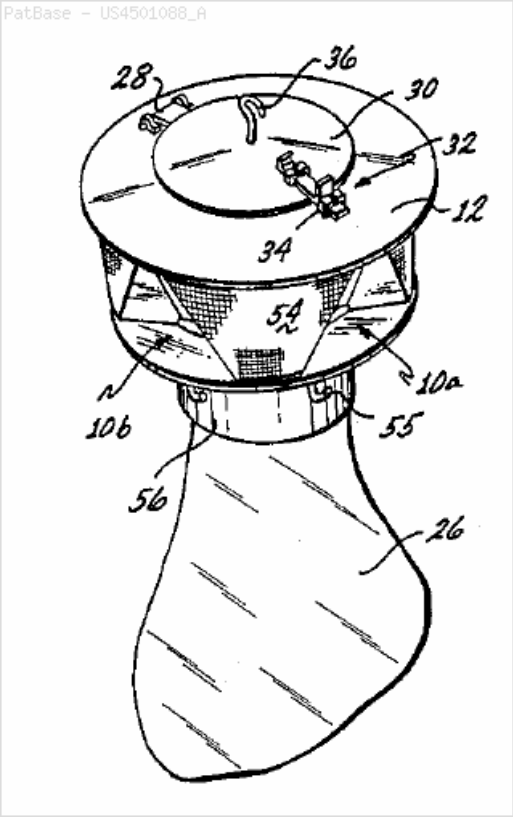
Inventor(s): (std): MOMPO PEREZ PAYA PABLO

168) Family number: 4674381 (US4501088A)

Title: Fly trap with disposable collector

Abstract: A multiple chamber fly trap contains approximately concentric screens defining a region within the inner screen into which the flies enter for the bait, an annular second region between the screens into which the flies enter to escape to the light, and a third region below the second region into which the flies drop after exhaustion. A plurality of openings between the consecutive regions allow passage of the flies from the first to the second to the third and into a removable collector which is preferably a disposable bag.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/10
CPC: A01M1/106 A01M1/02 A01M2200/012
European: A01M1/02 A01M1/02B A01M1/10F K01M200/012 K01M201/02
US: 43/118 43/122



Family:

Publication number	Publication date	Application number	Application date
US4501088 A	19850226	US19830455748	19830105

Priority:
US19830455748 19830105

Probable Assignee: BLAUGRUND ROBERT
Assignee(s): (std): BLAUGRUND ROBERT ; BOISVERT J ROGER ; SCHULTZ SAMUEL
Inventor(s): (std): BLAUGRUND ROBERT ; BOISVERT J ROGER ; SCHULTZ SAMUEL

169) Family number: 60105385 (IN00342CH2015A)

Title: NATURAL MOSQUITO REPELLENT CUM FRESHNER

Abstract: 1)Novel method of repelling mosquitoes without heat, burning or electricity
Classifications:
International (IPC 8-9): A01M (Advanced/Invention); A01M (Subclass/Invention)

Family:

Publication number	Publication date	Application number	Application date
IN00342CH2015 A	20150814	IN2015CH00342	20150123

Priority:
IN2015CH00342 20150123

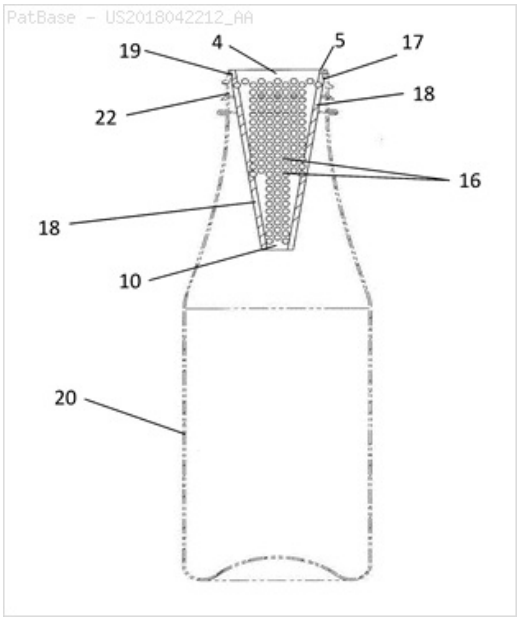
Probable Assignee: SUNDARRAJAN RANGARAJAN
Assignee(s): (std): SUNDARRAJAN RANGARAJAN
Inventor(s): (std): SUNDARRAJAN RANGARAJAN

170) Family number: 68579386 (US2018042212A)

Title: INSECT TRAP

Abstract: An insect trap is provided with a bottle for holding insects and a conically-shaped insert for insertion into the bottle The insert includes holes for permitting light and visibility. The trap and/or trap insert may be made from a plastic or a polymer. Further, insect attracting scents may be injected or impregnated into the plastic or polymer. A chemical exhibiting phosphorescence or photoluminescence may also be combined with the plastic and/or polymer.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/04 A01M1/10 A01N27/00 A01N31/02 A01N31/06 A01N35/04 A01N35/06 (Advanced/Invention)
CPC: A01M1/106 A01M1/04 A01M1/023 A01N31/02 A01N35/06 A01N27/00 A01N35/04 A01N31/06 A01N25/006 A01M1/02
US: D22/122
Locarno class: 22/06



Family:

Publication number	Publication date	Application number	Application date
CA173010 S	20180531	CA20170173010F	20170213
US2018042212 AA	20180215	US20170620768	20170612
USD812183 S1	20180306	US20160573968F	20160811

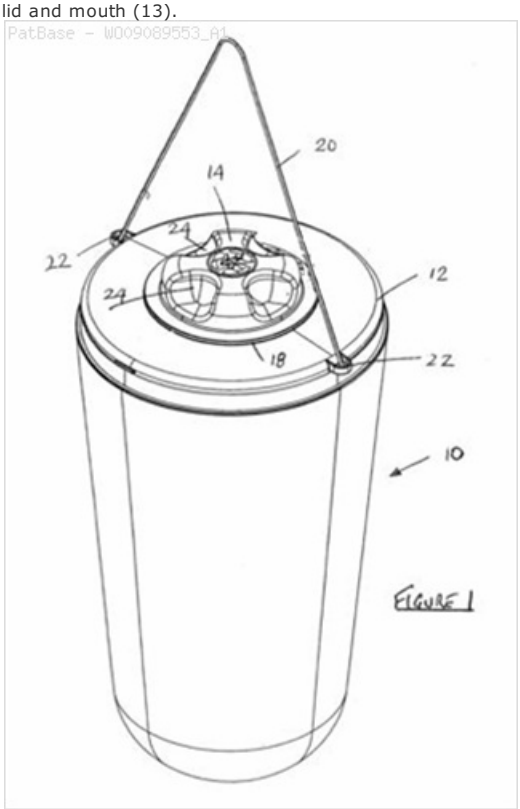
Priority:
US20160573968F 20160811 US20170620768 20170612

Probable Assignee: KORY MCGAVIN
Assignee(s): (std): ELISABETH MCGAVIN ; KORY MCGAVIN ; MCGAVIN ELISABETH ; MCGAVIN KORY
Inventor(s): (std): MCGAVIN KORY ; MCGAVIN ELISABETH
Agent(s): MU PC

171) Family number: 43506386 (ZA200810815A)

Title: INSECT TRAP

Abstract: A trap for insects such as flies, mosquitoes and others has an open-mouthed container (10) and a lid (14) for the container that moves between a first position in which it provides a peripheral opening for entrance of insects, and a second position in which the gap is sealed for safe and convenient disposal; such movement being caused by engagement of complementary screw or twist threads and/or bayonet formations on lid and mouth (13).
Classifications:
International (IPC 8-9): A01M1/10 (Advanced/Invention); A01M1/00 (Core/Invention)
CPC: Y02A50/371 A01M1/106
European: A01M1/10F



Family:

Publication number	Publication date	Application number	Application date
WO09089553 A1	20090716	WO2008ZA00123	20081212
ZA200810815 A	20110727	ZA20080010815	20081210

Priority:

ZA20070008235 20080106

Probable Assignee: AMELIA RAMPERSAD

Assignee(s): (std)**:** AMELIA RAMPERSAD ; RAMPERSAD AMELIA

Inventor(s): (std)**:** RAMPERSAD AMELIA ; AMELIA RAMPERSAD

Agent(s): MORRISON FORSTER INC

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

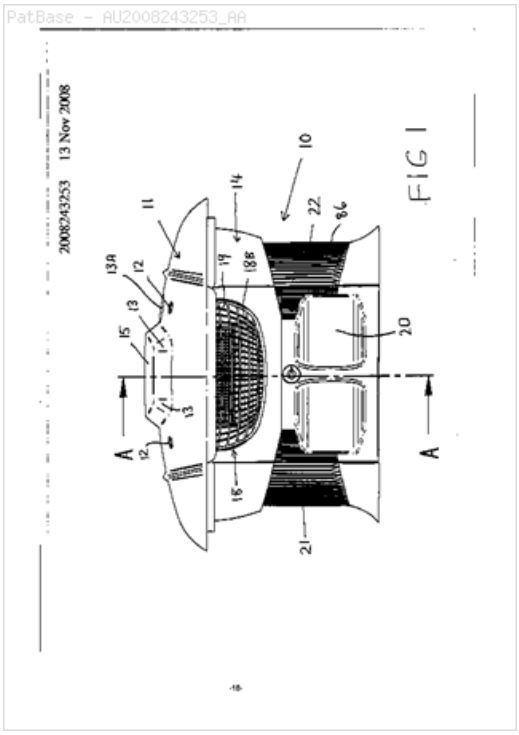
172) Family number: 43427391 (AU2008243253A)

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Title: Insect trap

Abstract: The invention resides in an insect trap (10) comprising a housing (14) which has one or more access apertures (19) to permit entry of insects into a 5 hollow interior (19B) of the housing (14) and a catchment tank (20) located below the one or more access apertures (19) for trapping of insects characterised in that there is provided an air diffuser(30) above one or more access apertures (19) and an air blower (37) or fan located adjacent to the air diffuser (30) for generating circulating air within the housing (14). Circulating air 10 is then confined mainly to the housing interior (19B) and does not escape through the access apertures (19). cr0 CYLL co~

Classifications:
International (IPC 8-9): A01M1/02 (Advanced/Invention); A01M1/02 (Core/Invention)
CPC: A01M1/023 A01M1/08 A01M1/14 A01M2200/012
European: A01M1/02C A01M1/08 A01M1/14 K01M200/012



Family:

Publication number	Publication date	Application number	Application date
AU2008243253 AA	20090528	AU20080243253	20081113
AU2008243253 BB	20130523	AU20080243253	20081113

Priority:

AU20070906926 20071113 AU20070907121 20071211 AU20080900264 20080121 AU20080243253 20081113

Probable Assignee: BANTIX WORLDWIDE PTY LTD

Assignee(s): (std)**:** BANTIX WORLDWIDE PTY LTD

Inventor(s): (std)**:** COVENTRY ANDREW

Inventor(s): ANDREW COVENTRY

Agent(s): FISHER ADAMS KELLY; ROBIN T KELLY; WRAYS

173) Family number: 23912405 (US2004009245A)

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Title: METHODS AND APPARATUS TO PREVENT, TREAT AND CURE INFECTIONS OF THE HUMAN RESPIRATORY SYSTEM BY PATHOGENS CAUSING SEVERE ACUTE RESPIRATORY SYNDROME (SARS)

Abstract: Concentrated vapors from botanical essential oils are inhaled to prevent, treat and cure infections of the respiratory pathogens causing Severe Acute Respiratory Syndrome ("SARS"). These vapors are inhaled as a practical method to reduce the risks of infection by the pathogens causing SARS in crowded public places. These vapors are also inhaled as a practical method to reduce the risks of infection by unknown, and unpredictable, respiratory pathogens that may

be present in public places. The essential oils have antiseptic properties, are safe to inhale, and include, but are not limited to, the essential oils from Eucalyptus globulus, Melaleuca alternifolia, Eucalyptus citriodora, and Eucalyptus radiata. Convenient hand-held inhaler apparatus are provided for the inhalation of concentrated vapors from the antiseptic essential oils and other substances. The antiseptic essential oils have selected antiviral, antibacterial, and antifungal properties.

Classifications:
International (IPC 8-9): A01N25/00 A61K35/78 A61K36/00 A61K36/354 A61K36/53 A61K36/534 A61K36/61 A61K51/00 A61M11/02 A61M11/04 A61M11/06 A61M15/00 A61P1/08 (Advanced/Invention); A01N25/00 A61K36/00 A61K36/185 A61K51/00 A61M11/00 A61M11/06 A61M15/00 A61P1/00 (Core/Invention)
International (IPC 1-7): A61K35/78
CPC: Y10S514/872 Y10S514/888 Y10S514/924 Y10S514/957 A61K9/007 A61K9/0078 A61K36/61 A61M11/08 A61M11/042 A61M11/02 A61K36/53 A61K36/534 A61M11/04 A61M11/06 A61M15/00 A61M15/08 A61M2205/073
European: A61K35/78 A61K36/53 A61K36/534 A61K36/61 A61K9/00M20 A61K9/00M20B5 A61M11/02 A61M11/04 A61M11/06 A61M11/08 A61M15/00 A61M15/08 K61M15/08 K61M205/07A1
US: 424/1.13 424/11.3 424/404 424/725 424/742 424/742P 424/747 424/747P 424/769 514/872 514/888 514/924 514/957

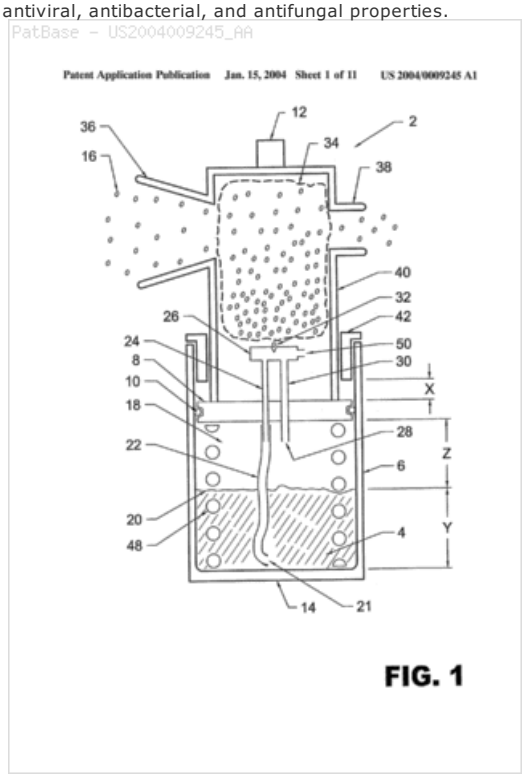


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
US2004009245 AA	20040115	US20030429077	20030502
US2005158411 AA	20050721	US20040998343	20041127
US2008187609 AA	20080807	US20080077467	20080318
US6447816 BA	20020910	US20000542703	20000403
US7048953 BB	20060523	US20030429077	20030502
US7150888 BA	20061219	US20020241441	20020909
US7344740 BB	20080318	US20040998343	20041127
US7820210 BB	20101026	US20080077467	20080318

Priority:

US20000542703 20000403 US20010328912P 20011012 US20020377177P 20020502
US20020377177P 20020505 US20020241441 20020909 US20020269891 20021012
US20030449379P 20030221 US20030457085P 20030324 US20030457849P 20030326
US20030460985P 20030407 US20030429077 20030502 US20030527933P 20031208
US20040924224 20040823 US20040998343 20041127 US20080077467 20080318

Probable Assignee: INHALATION INC

Assignee(s): (std): INHALATION INC ; VAIL MARILYN L ; VAIL WILLIAM BANNING

Assignee(s): VAIL WILLIAM BIII ; VAIL WILLIAM B III ; INHALATION INC 18730 142ND AVE NEWOODI NV

Inventor(s): (std): VAIL III WILLIAM BANNING ; VAIL MARILYN L ; VAIL WILLIAM BANNING ; VAIL WILLIAM B III

Inventor(s): VAIL WILLIAM ; VAIL WILLIAM BIII ; VAIL MARILYN ; III WILLIAM BANNING ; VAIL

Agent(s): WILLIAM BANNING VAIL III

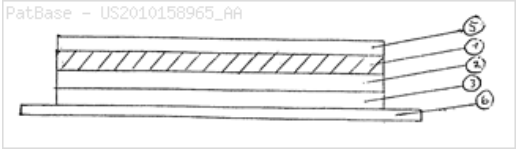
174) Family number: 45519406 (US2010158965A)

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Title: WINDOW STICKER FOR ATTRACTING AND DESTROYING INSECTS

Abstract: There is disclosed a product for attracting and destroying insects which comprises an active-substance-comprising bait layer (1) together with a bait substance and an insecticide. The active-substance-comprising bait layer (1) furthermore comprises a superdisintegrant whose effect is that, upon the use of the product in an environment with high atmospheric humidity, the active-substance-comprising bait layer (1) does not run.

Classifications:
International (IPC 8-9): A01M1/20 A01M1/24 A01N25/00 A01N25/10 A01N25/24 A01N25/34 A01N43/36 A01P7/04 (Advanced/Invention); A01M1/00 A01M1/20 A01N25/34 A01N43/34 A01P7/04 (Core/Invention)
CPC: A01N2300/00 A01N25/24 A01N25/10 A01N25/34
European: A01N25/34
US: 424/405 424/405P 43/131 43/131S 43/132.1 43/132.100S 514/424 514/424S



Family:

Publication number	Publication date	Application number	Application date
AT554650 E	20120515	AT20090015463T	20091215
BRPI0905190 A2	20110118	BR2009PI05190	20091221
DE102008063807 A1	20100701	DE200810063807	20081219

DE502009003328 D1	20120621	DE200950003328T	20091215
EP2198708 A1	20100623	EP20090015463	20091215
EP2198708 B1	20120425	EP20090015463	20091215
ES2386693 T3	20120827	ES20090015463T	20091215
US2010158965 AA	20100624	US20090641402	20091218
US8911756 BB	20141216	US20090641402	20091218

Priority:

DE200810063807 20081219 EP20090015463 20091215

Probable Assignee: ICS INNOVATIVE CARE SYSTEMS ANDERNACH GMBH

Assignee(s): (std)**:** BEITZEL ELSE ; BOECKER THOMAS ; ICS INNOVATIVE CARE SYSTEMS ; ICS INNOVATIVE CARE SYSTEMS AN ; KOCHERSCHEIDT BIRGIT ; JAECKELS HERMANN JOSEF ; KLOCZKO MALGORZATA ; ICS INNOVATIVE CARE SYSTEMS ANDERNACH GMBH ; LOHMANN THERAPIE SYST LTS

Assignee(s): LTS LOHMANN THERAPIE SYSTEME AG

Inventor(s): (std)**:** BEITZEL ELSE ; KOCHERSCHEIDT BIRGIT ; JAECKELS HERMANN JOSEF ; BOECKER THOMAS DR ; KLOCZKO MALGORZATA DR ; BOECKER THOMAS ; KLOCZKO MALGORZATA

Inventor(s): BIRGIT KOCHERSCHEIDT ; HERMANN JOSEF JAECKELS ; ELSE BEITZEL ; MALGORZATA KLOCZKO ; THOMAS BOECKER

Agent(s): SCHMIDT WERNER; SIEMUND VOLKER; LEHMANN ISABEL; FROMMER LAWRENCE AND HAUG; FROMMER LAWRENCE AND HAUG LLP

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 MK MT NL NO PL PT RO RS SE SI SK SM TR

175) Family number: 12288406 (CN1197595A)

© PatBase

Title: Bottle top fly trap

Abstract: A bottle top fly trap is disclosed. The device is a plastic bottle top with a lip on the outer parimeter. The top end of the device is a flat and consists of four holes. The bottle top is a hollow cylinder from the bottom to just above the four holes. The bottom has a chamfer. This device can be used to be inserted into a bottle or other containers to trap flies or any other insects.

Classifications:
International (IPC 8-9): A01M1/10 (Advanced/Invention);
A01M1/00 (Core/Invention)
International (IPC 1-7): A01M1/10

Family:

Publication number	Publication date	Application number	Application date
CN1197595 A	19981104	CN19971010846	19970430

Priority:

CN19971010846 19970430

Probable Assignee: VICTOR FEDOROW

Assignee(s): (std)**:** VICTOR FEDOROW

Inventor(s): (std)**:** FEDOROW VICTOR

Inventor(s): VICTOR FEDOROW

176) Family number: 72974409 (DE202017004782U1)

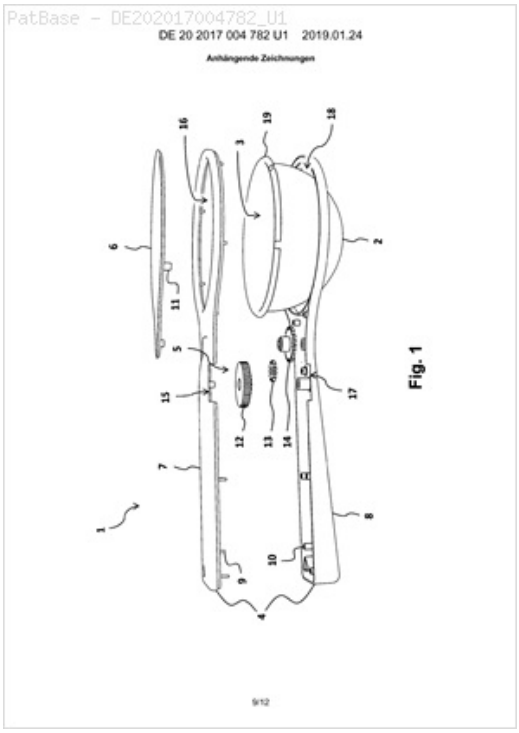
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Title: VORRICHTUNG ZUM FANGEN VON KLEINTIEREN The APPARATUS OF SMALL ANIMALS (Machine translation)

Abstract: Source: DE202017004782U1 [DE] Fangvorrichtung (1) zum Fangen von Kleintieren (20) wie Insekten, mit:- einer Aufnahmeeinrichtung (2), welche einen Hohlraum aufweist, wobei die Aufnahmeeinrichtung (2) eine oeffnung (3) aufweist, durch welche ein Kleintier (20) in der Aufnahmeeinrichtung (2) aufnehmbar ist;- einer Halteeinrichtung (4), mit welcher die Aufnahmeeinrichtung (2) befestigbar ist;- einer Betaetigungseinrichtung (5), welche ein Getriebe aufweist, wobei die Betaetigungseinrichtung (5) derart ausgebildet ist, dass die Betaetigungseinrichtung (5) mit der Hand betaetigbar ist, die auch die Halteeinrichtung (4) haelt; und- einer Verschlusseinrichtung (6), welche mit der Betaetigungseinrichtung (5) betaetigbar ist; wobei die Fangvorrichtung (1) derart ausgebildet ist, dass die Verschlusseinrichtung (6) mittels der Betaetigungseinrichtung (5) in wenigstens zwei Positionen festlegbar ist, naemlich wenigstens eine offene Position, in welcher das Kleintier (20) aufnehmbar ist, und wenigstens eine geschlossene Position, in welcher die oeffnung (3) der Aufnahmeeinrichtung (2) durch die Verschlusseinrichtung (6) weitgehend vollstaendig geschlossen ist.

Machine translation: Collecting device (1) for trapping small animals (20), such as insects, with:- a receiving device (2) which comprises a cavity, wherein the receiving device (2) has an opening (3) through which a small animal (20) is receivable in the receiving device (2);- a holding device (4) by means of which the receptacle (2); and an actuation device (5), which has a transmission, wherein the actuator (5) is designed in such a way that the actuation device (5) by hand operable, also the retaining device (4); and a fastening device (6) which is connected to the actuation device (5) is operable; wherein the collecting device (1) is designed in such a way that the fastening device (6) by means of the actuating device (5) is fixable in at least two positions, namely one or more open position, in which the small animal (20) is receivable, and At least one closed position, in which the opening (3) of the receiver (2) through the fastening device (6) is substantially fully closed.

Classifications:
International (IPC 8-9): A01M3/00 (Advanced/Invention)
CPC: A01M3/00



Family:

Publication number	Publication date	Application number	Application date
DE202017004782 U1	20190124	DE201720004782U	20170913

Priority:

DE201720004782U 20170913

Probable Assignee: RECKHAUS AG

Assignee(s): (std)**:** RECKHAUS AG

177) Family number: 34574412 (US2002041892A)

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Title: METHOD AND APPARATUS FOR PROVIDING LONG TERM PROTECTION FROM INTRUSION BY INSECTS AND OTHER COLD BLOODED ANIMALS

Abstract: Controlled release devices are shaped and placed in locations through which insects and/or other cold blooded animals generally enter an area or a structure sought to be protected. The controlled release devices include a polymeric matrix and a pesticide contained in the matrix. The pesticide is gradually released out of the matrix to the surface of the device. The pesticide on the surface of the device kills the intruding insects or other cold blooded animals that come in contact with the pesticide. In addition, if the device is in contact with a permeable structure or object, the pesticide released onto the surface of the device is absorbed by such permeable structure or object to provide a barrier to entry by the insects and/or other cold blooded animals.

Classifications:

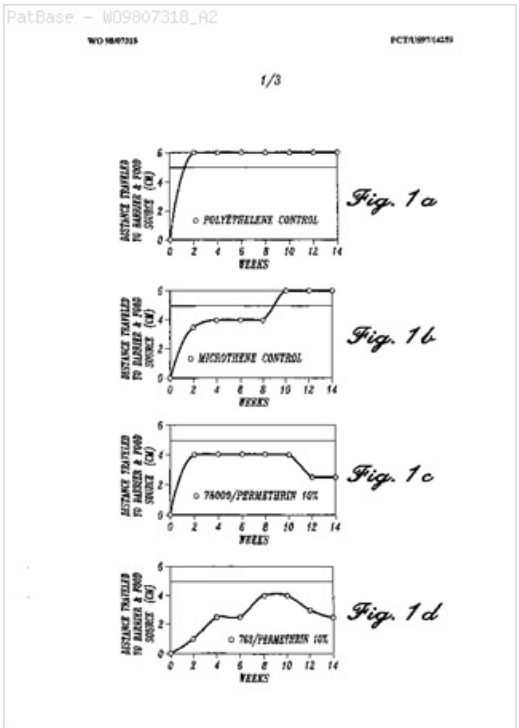
International (IPC 8-9): A01N25/10 A01N25/32 A01N25/34 A01N27/00 A01N31/12 A01N33/18 A01N41/06 A01N47/12 A01N53/00 A01N53/02 A01N53/06 A01N53/08 A01N57/16 A61K47/48 C07C46/00 C08J3/20 C08J3/22 G10D9/06 (Advanced/Invention); A01N25/10 A01N25/34 A61K47/48 C08J3/20 (Advanced/Non-invention); A01N25/32 A01N25/34 A01N27/00 A01N31/00 A01N33/00 A01N41/00 A01N47/10 A01N53/00 A01N57/00 G10D9/00 (Core/Invention)

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European: A01N25/34 A01N27/00 A01N31/12 A01N33/18 A01N41/06 A01N47/12 A01N53/00 A01N57/16 C07C46/00 C08J3/22 G10D9/06

US: 260/369 264/330 404/47 405/128 405/129.55 405/157 424/405 424/406 424/407 424/408 424/409 424/411 424/411P 424/412 424/417 424/419 424/421 424/484 424/487 424/78.09 424/78.31 424/DIG.11 424/DIG.8 442/123 47/33 47/78 47/9 47/DIG.1 47/DIG.10 504/116 504/127 504/139 504/148 504/183 504/250 504/310 504/318 504/323 504/324 504/333 504/347 504/354 504/360 504/361 514/124 514/521 514/523 514/531 514/645 514/723.3 514/765 514/772.3 514/919 514/953 514/964 523/122 552/265 552/267 588/250 71/64.11 71/64.13 71/DIG.1 84/400 84/453



Family:

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Priority:

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Probable Assignee: BATTELLE MEMORIAL INST

Assignee(s): (std): BATTELLE MEMORIAL INST K1 53 ; BATTELLE MEMORIAL INSTITUTE ; BATTELLE MEMORIAL INST ; BATTELLE MEMORIAL INST RICHLAN ; BATTELLE MEMORIAL INST RICHLAND ; VORIS PETER VAN ; DU PONT ; PURDIE THOMAS ; CATALDO DOMINIC C

Assignee(s): E I DU PONT DE NEMOURS AND COMPANY ; EI DU PONT DE NEMOURS AND CO ; BATTELLE PACIFIC NORTHWEST LABORATORIES ; EI DU PONT DE NEMOURS AND CO A CORP OF DE ; VAN VORIS PETER ; E I DU PONT DE NEMOURS AND CO ; CATALDO DOMINIC A ; BATTELLE MEMORIAL INST RICHLAND WA A CORP OF ; BATTELLE MEMORIAL INST A CORP OF OHIO ; BATTELLE MEMORIAL INSTITUTE K1 53 ; BATTELLE MEMORIAL INSTITUTE RICHLAND

Inventor(s): (std): VORIS PETER VAN ; CATALDO DOMINIC A ; EVANS WILLIAM L ; PURDIE THOMAS ; CLINE JOHN F ; SKIENS W EUGENE ; CATALDO DOMINIC C ; DRIVER CRYSTAL J ; BURTON FREDERICK G ; GORDON NORMAN R ; COATS JOEL R ; SKIENS EUGENE W ; VAN VORIS PETER ; CATALDO D C ; VORIS P VAN ; VAN BORIS PETER ; CATALDO C

Inventor(s): VAN PETER VORIS ; PETERVAN VORIS ; VANVORIS PETER ; CATALDO DOMINICC ; PETER VAN VORIS ; DOMINIC A CATALDO ; DOMINIC C CATALDO ; D C CATALDO ; P VAN VORIS

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; JENKENS AND GILCHRIST

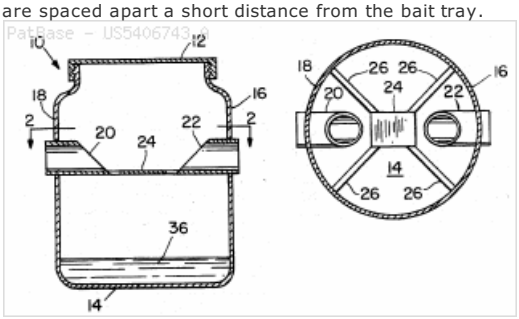
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178) Family number: 11872412 (US5406743A)

Title: Insect traps

Abstract: An insect trap is provided comprising a container having a bottom to support a liquid bait add a bait tray for a solid bait. Insect entry ramps extend through the container walls and are spaced apart a short distance from the bait tray.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/10
CPC: A01M1/02 A01M1/106 A01M2200/012
European: A01M1/02 A01M1/02B A01M1/10 A01M1/10F K01M200/012 K01M201/02
US: 43/107 43/122



Family:

Publication number	Publication date	Application number	Application date
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Priority:
US19920891959 19920602

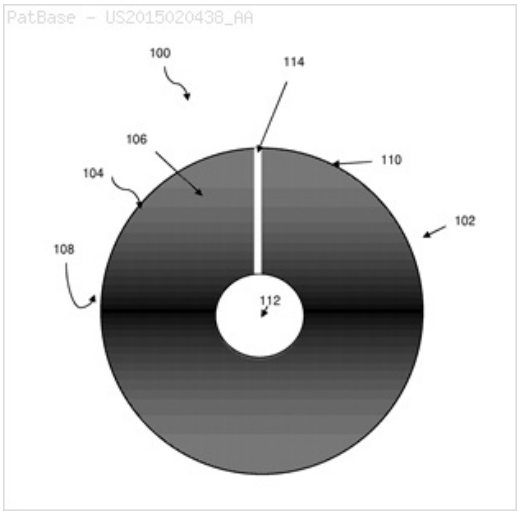
Probable Assignee: GREEN LEAF PRODUCTS INC
Assignee(s): (std): GREEN LEAF PRODUCTS INC
Inventor(s): (std): GRADY MICHAEL J ; MCSHERRY BERNICE J

179) Family number: 58337415 (US2015020438A)

Title: ADHESIVE PEST TRAP

Abstract: An adhesive pest trap is provided, that includes: a substantially planar substrate having first and second substantially parallel surfaces and an outer perimeter, wherein the first surface includes a non-drying adhesive material coating, and wherein the outer perimeter is configured for fitting within a rim of a plant growing container. In one example, an adhesive pest trap can be adapted to cover a soil surface in a plant growing container, where a perimeter of the adhesive pest trap additionally includes one or more attachable surfaces adapted for attachment to a rim of a plant growing container. A related method of using an adhesive pest trap includes applying the adhesive pest trap over a top surface of a plant growing medium in a plant growing container.

Classifications:
International (IPC 8-9): A01G13/02 A01G13/10 A01M1/02 A01M1/04 A01M1/14 A01M1/20 A01M29/08 A01M29/12 (Advanced/Invention)
CPC: A01M29/34 A01M1/04 A01G13/02 A01M1/14 A01M1/026 A01M1/145 A01G13/105 A01M1/023 A01G2013/006 A01M29/12 A01M1/2005 A01M29/08
US: 43/114 43/132.1



Family:

Publication number	Publication date	Application number	Application date
CA2834034 AA	20150118	CA20132834034	20131121
US2015020438 AA	20150122	US20130088181	20131122
US2016278361 AA	20160929	US20160180750	20160613
US2018054981 AA	20180301	US20170803685	20171103

Priority:
US20130847964P 20130718 US20130088181 20131122 US20160180750 20160613 US20170803685 20171103

Probable Assignee: WORK BRADLY
Assignee(s): (std): WORK BRADLY
Inventor(s): (std): WORK BRADLY
Agent(s): PALMER DEAN A

180) Family number: 47032417 (WO10113128A2)

Title: TRAP FOR INSECTS

Abstract: A trap for capturing flying insects that provides in one single device the following functional advantages: flexibility of application, ease of operation and effectiveness of capture; wherein said trap is made up of three components: (a) a hollow vertical duct of conical or cylindrical shape and with a preferably circular section, that is perforated or slotted in its upper end; (b) an upper container of conical or cylindrical shape and with a preferably circular section, equipped with a lid; and (c) a lidless lower container, of conical or cylindrical shape and with a preferably circular section; said components are joined together so that the geometrical axis of the three components coincides and the vertical duct interconnects the upper container with the lower one, extending entirely through the upper container.

Classifications:
International (IPC 8-9): A01M1/00 A01M1/02 A01M1/10 A01M1/20 (Advanced/Invention)
CPC: A01M1/106
European: A01M1/10F

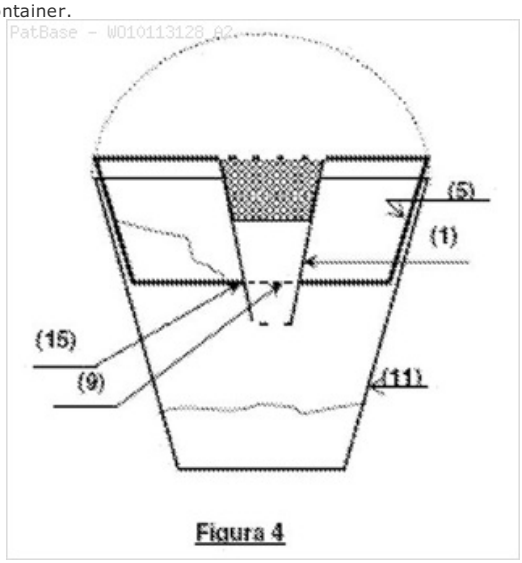


Figura 4

Family:

Publication number	Publication date	Application number	Application date
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AU2010231586 AA	20101007	AU20100231586	20100331
CL2009000801 A1	20100205	CL20090000801	20090402
EP2415346 A2	20120208	EP20100758137	20100331
ES1077479 UA	20120727	ES20110090011U	20100331
ES1077479 Y1	20121025	ES20110090011U	20100331
TR201109402 U1	20120123	TR20110009402U	20100331
WO10113128 A2	20101007	WO2010IB51410	20100331
WO10113128 A3	20101125	WO2010IB51410	20100331

Priority:
CL20090000801 20090402 WO2010IB51410 20100331

Probable Assignee: OLMO RICARDO

Assignee(s): (std): JIMENEZ OLMO RICARDO ; OLMO RICARDO ; OLMO RICARDO JIMENEZ

Assignee(s): RICARDO JIMENEZ OLMO

Inventor(s): (std): JIMENEZ OLMO RICARDO ; OLMO RICARDO JIMENEZ ; RICARDO JIMENEZ OLMO

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; CLARKE; CARVAJAL Y URQUIJO ISABEL; CARVAJAL Y ISABEL; CLARKE MODET AND CO CHILE

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 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 PE PG PH PL PT RO RS RU 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

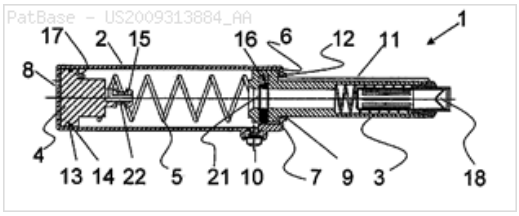
181) Family number: 40924425 (US2009313884A)

Title: DEVICE FOR CATCHING INSECTS, SPIDERS AND OTHER SUCH SMALL ANIMALS

Abstract: The device according to the invention for catching insects, spiders and other small animals of this type by means of a pulsating suction unit contains a cylindrical housing part (2), a piston (4), a suction tube (3) and a compression spring (5). The compression spring (1) is arranged between the piston (4) and the suction tube (3) in the interior of the cylindrical housing part (2). The suction tube (3), which is operatively connected to the piston (4) via the compression spring (5), is guided displaceably in the axial direction and movably in a feedthrough (9) in the front wall (6) of the cylindrical housing part (2). On the suction-pipe side, the piston (4) has latching means which are provided for latching and locking in a holding device (16) arranged for this purpose in the bottom part of the suction tube (3), and which can be unlocked via a trigger (10) which can be operated from the outside. In order to actuate the pulsating suction unit (1), the suction tube (3) is pushed into the cylinder until the piston (4) arrives in the holding device (16) in the bottom part (7) of the suction tube (3). To trigger a catching operation, the suction tube (3) is brought by the piston (4) into the triggering position. Actuation of the trigger (10) unlocks the piston (4). The compression spring (5) firstly causes the suction tube (3) to be pushed even further out of the cylinder until the bottom part of the suction tube (3) is on the inside of the front cylinder wall (6), and, secondly, the piston (4) to be pressed in the direction of the cylinder base (8), thus producing a negative pressure in the cylinder interior between the piston (4) and the bottom part (7) of the suction tube (3). The resultant stream of air sucks an insect located in front of the suction tube into the suction tube.

Classifications:
International (IPC 8-9): A01M A01M1/06 A01M3/00 A01M5/02 (Advanced/Invention);

A01M1/00 A01M3/00 (Core/Invention);
A01M (Subclass/Invention)
CPC: A01M3/005
European: A01M3/00G
US: 15/344 43/110 43/133 43/139 43/139P



Family:

Publication number	Publication date	Application number	Application date
AT440496 E	20090915	AT20070720160T	20070524
CN101466261 A	20090624	CN200780021161	20070524
CN101466261 B	20101222	CN200780021161	20070524
DE502007001418 D1	20091008	DE200750001418T	20070524
EP2023716 A1	20090218	EP20070720160	20070524
EP2023716 B1	20090826	EP20070720160	20070524
ES2331666 T3	20100112	ES20070720160T	20070524
HK1130156 A1	20110304	HK20090109338	20091008
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US2009313884 AA	20091224	US20070303478	20070524
US8074395 BB	20111213	US20070303478	20070524
WO07140636 A1	20071213	WO2007CH00263	20070524

Priority:
CH20060000927 20060608 CH20060092706 20060608 WO2007CH00263 20070524

Probable Assignee: JANCIC SILVIN M

Assignee(s): (std)**:** JANCIC SILVIN M

Inventor(s): (std)**:** JANCIC SILVIN M

Agent(s): SPIERENBURG PIETER; MARKS AND CLERK; HENRY M FEIEREISEN LLC HENRY M FEIEREISEN; HENRY M; URSULA B

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 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 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

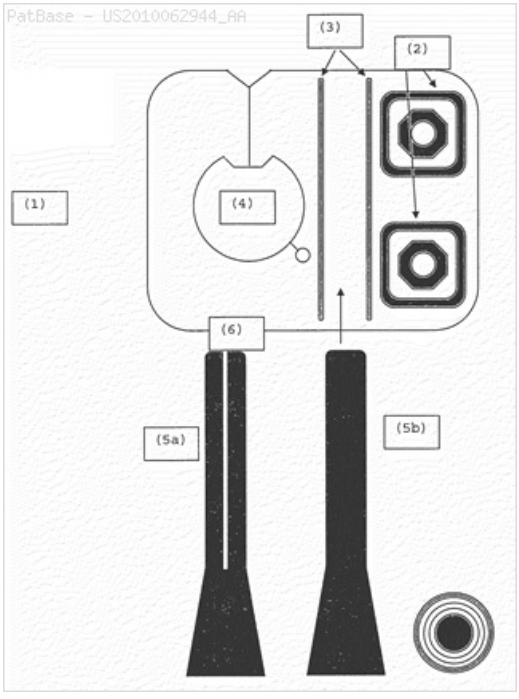
182) Family number: 34175433 (US2010062944A)

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Title: COMPACT

Abstract: A compact comprising particles and an active agent selected from a pesticide, a herbicide, a plant nutrient, a fertiliser, an arthropod attractant such as a semiochemical, a semiochemical, a food or protein bait, and including mixtures of two or more thereof.

Classifications:
International (IPC 8-9): A01N25/00 A01N25/08 A01N25/26 A01N25/34 A01P19/00 A01P7/00 A01P7/04 C05F11/00 C05G3/00 C07C69/017 C08L91/06 (Advanced/Invention);
A01N25/00 A01N25/08 A01N25/26 A01N25/34 A01P19/00 A01P7/04 C05F11/00 (Core/Invention);
A01N A01P (Subclass/Invention)
CPC: A01N25/00 A01N25/26 A01N25/34 C05G3/0041 C05G3/0047 C05G3/0052 A01N25/08
European: A01N25/00 A01N25/26 A01N25/34 C05G3/00B2K C05G3/00B4 C05G3/00B6
US: 424/409 424/409S 424/84 424/84S 504/358 514/783 514/783S 514/787 514/787S 71/23 71/23S 71/64.07 71/64.070S



Family:

Publication number	Publication date	Application number	Application date
AU2007323235 AA	20080529	AU20070323235	20071123
AU2007323235 BB	20120712	AU20070323235	20071123
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Priority:

GB20060023398 20061123 CN200780050141 20071123 EP20070824709 20071123 WO2007GB04511 20071123

Probable Assignee: EXOSECT LTD

Assignee(s): (std): EXOSECT LTD ; WEBSTER DAVID

Assignee(s): EXOSECT LIMITED ; EXOSECT LTDLEYLANDS BUSINESS PARKCOLDEN COMMONHAMPSHIRESO21 1THWINCHESTERGB

Inventor(s): (std): DAVID WEBSTER ; WEBSTER DAVID

Inventor(s): WEBSTER DAVIDGB

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; GOWLING LAFLEUR HENDERSON LLP; MANSFIELD PETER TURQUAND; SCHLICH GEORGE; SAEZ ANA; LAW OFFICES OF WILLIAM H HOLT; WILLIAM H; SETNA ROHAN PILOO ET AL

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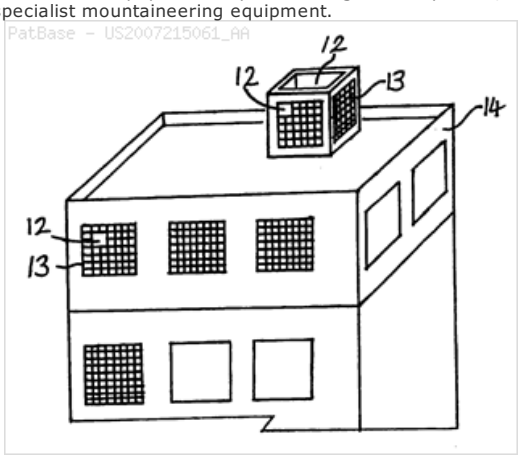
183) Family number: 36076434 (US2007215061A)

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Title: SWIFTLETS FARMING FOR PRODUCTION OF EDIBLE BIRD'S NESTS

Abstract: An edible bird's nests production facility comprising of: a wholly man made artificial caves system and/or converted natural relief such as caves, valleys, cliffs forming the nesting habitat and associated supporting facilities configured to breed swiftlets for their nests by means of a captive breeding program for swiftlets; commercialized-scientific farming methods; specialized apparatus, mechanisms and techniques; managed sustainable harvesting of nests; provision of a safe and secure nesting habitat and a conducive environment to maximize avian population by minimizing mortality rates; safe collection of nests by means of mechanized lifting systems and specialist mountaineering equipment.

Classifications:
International (IPC 8-9): A01K31/00 A01K31/14 A01K31/16 A01K31/19 A01K41/04 A01K45/00 (Advanced/Invention); A01K31/00 A01K41/00 A01K45/00 (Core/Invention)
CPC: A01K31/14 A01K45/00
European: A01K31/14 A01K45/00
US: 119/300 119/302 119/306 119/306S 119/329 119/329S 119/346 119/428 119/428S 119/433 119/436 119/449 119/6.8 119/6.800P



Family:

Publication number	Publication date	Application number	Application date
SG135977 A1	20071029	SG20060014930	20060313
SG171553 A1	20110629	SG20100008549	20101122
SG171553 A1	20110629	SG20100085496	20101122
US2007215061 AA	20070920	US20070685728	20070313
US2010132622 AA	20100603	US20090624995	20091124
US2012186523 AA	20120726	US20110336390	20111223
US7661391 BB	20100216	US20070685728	20070313
US8082884 BB	20111227	US20090624995	20091124

Priority:

SG20060014930 20060313 US20070685728 20070313 US20090624995 20091124 US20110336390 20111223

Probable Assignee: SIA YIK HEI

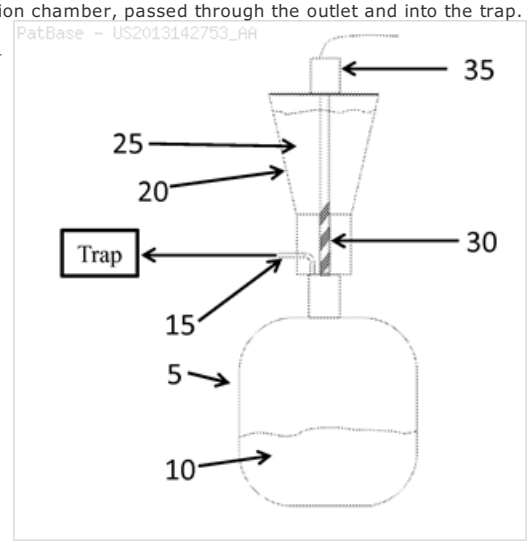
Assignee(s): (std): SIA YIK H ; SIA YIK HEI

Inventor(s): (std): SIA YIK H ; SIA YIK HEI ; HEI SIA YIK
Agent(s): CROCKETT AND CROCKETT; CROCKETT AND CROCKETT PC; K DAVID; NIKY ECONOMY

184) Family number: 53977437 (US2013142753A)

Title: APPARATUS AND METHOD FOR GENERATING CARBON DIOXIDE AS AN ATTRACTANT FOR BITING ARTHROPODS

Abstract: Disclosed and claimed herein is a device and method for generating carbon dioxide as an attractant for biting arthropods in combination with a trap, comprising: a reaction chamber charged with an aqueous acid solution when in use; a gas outlet from the reaction chamber connecting between the reaction chamber and the trap; a feeder reservoir containing a powder when in use, said powder comprising a bicarbonate salt; and means for controllably adding the powder to the reaction chamber; whereby carbon dioxide is generated in the reaction chamber, passed through the outlet and into the trap.
Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01N25/00 A01N59/04 A01P19/00 (Advanced/Invention)
CPC: A01M1/10 A61C1/084 A61B6/14 A01M1/023 A01N59/04
US: 424/84 43/107



Family:

Publication number	Publication date	Application number	Application date
US2013142753 AA	20130606	US20110311466	20111205
US2013291427 AA	20131107	US20130934207	20130702
US8475783 BB	20130702	US20110311466	20111205

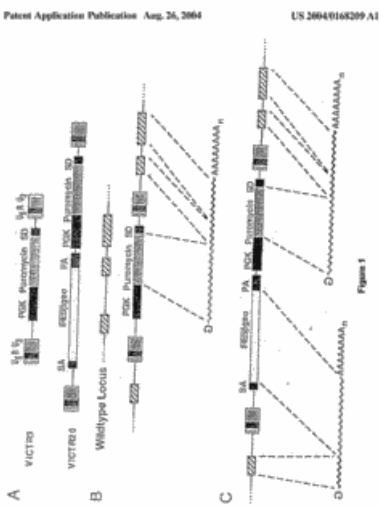
Priority:
US20110311466 20111205 US20130934207 20130702
Probable Assignee: PROHASKA JOHN
Assignee(s): (std): PROHASKA JOHN ; PROHASKA JOHN D
Inventor(s): (std): PROHASKA JOHN ; PROHASKA JOHN D
Agent(s): THE PATENT PRACTICE OF SZMANDA AND SHELNUT LLC; CHARLES R; JAMES G; PATENT PRACTICE OF SZMANDA AND SHELNUT LLC

185) Family number: 30829438 (US2004168209A)

Title: NOVEL MURINE POLYNUCLEOTIDE SEQUENCES AND MUTANT CELLS AND MUTANT ANIMALS DEFINED THEREBY

Abstract: Novel murine polynucleotides are disclosed that individually identify novel genes into which a retroviral gene trap vector has integrated. Additionally, novel mutated murine ES cells are described that stably incorporate retroviral gene trap constructs into the specifically identified genes. The novel genes and cells thus defined are useful in functional genomic analysis, and in the discovery and development of new therapeutic and diagnostics agents and methods.
Classifications:
International (IPC 8-9): A01K67/00 A01K67/027 C07H21/04 C07K14/47 C07K16/18 C12N5/06 C12N9/00 C12Q1/68 (Advanced/Invention); A01K67/00 C07H21/00 C07K14/435 C12N9/00 C12Q1/68 (Core/Invention)
International (IPC 1-7): A01K67/00 C07H21/04 C12N9/00 C12Q1/68
CPC: C07H21/04 C07K14/47 C12N2799/027 C12N2800/60 A01K67/0276 A01K2217/054 A01K2217/075 A01K2227/105 A01K2267/0356 C12N15/8509 C12N2840/44
European: A01K67/027M2 C07H21/04 C07K14/47 C12N15/85A K01K217/05B K01K217/07B K01K227/10M K01K267/03K1 M12N799/02A67 M12N800/60 M12N840/44
US: 435/183 435/183S 435/320.1 435/320.100S 435/325 435/325S 435/354 435/354S 435/6 435/6.11 435/6.110S 435/6.14 435/6.140S 435/69.1 435/69.100S 435/6S 530/35 530/350 530/350S 530/387.1 530/387.100S 530/387.3 530/387.300S 530/388.1 530/388.100S 530/389.1 530/389.100S 536/23.2 536/23.200S 800/18 800/18P 800/8 800/8P

PatBase - US2004168209_AA



Family:

Publication number	Publication date	Application number	Application date
US2004168209 AA	20040826	US20030702075	20031104
US2009077680 AA	20090319	US20080099465	20080408

Priority:

US20000211232P 20000612
US20010315454P 20010828
US20010343141P 20011220
US20020327713 20021220
US20050318121 20051223
US20000228532P 20000828
US20010941240 20010828
US20020226635 20020822
US20030702075 20031104
US20080099465 20080408
US20010880687 20010612
US20010324927P 20010926
US20020256174 20020926
US20040834396 20040428

Probable Assignee: BIOPHARMA CREDIT PLC

Assignee(s): (std)**:** EDWARDS JOEL ; GIRGIS ROSEMARY ; HORNER ALLISON ANNE BYERS ; MONTGOMERY CHARLES ; ZAMBROWICZ BRIAN ; SANDS ARTHUR T ; RANGEL CAROLINA ; SHI ZHENG ZHENG ; PAYNE BOBBY JOE ; TOWNSEND TERESA GAIL ; VOGEL PETER ; SPARKS MARY JEAN ; ABUIN ALEJANDRO

Assignee(s): BIOPHARMA CREDIT PLC

Inventor(s): (std)**:** ABUIN ALEJANDRO ; EDWARDS JOEL ; GIRGIS ROSEMARY ; HORNER ALLISON ANNE BYERS ; MONTGOMERY CHARLES ; PAYNE BOBBY JOE ; RANGEL CAROLINA ; SANDS ARTHUR T ; SHI ZHENG ZHENG ; SPARKS MARY JEAN ; TOWNSEND TERESA GAIL ; VOGEL PETER ; ZAMBROWICZ BRIAN

Agent(s): LEXICON PHARMACEUTICALS INC

186) Family number: 29918442 (US2002046483A)

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Title: Pest control system including compartments having areas for receiving pest control materials of differing physical consistencies

Abstract: A modular pest control system which includes structure that is specifically designed to capitalize upon the physiology and/or behavior of a wide assortment of pests to render the system more attractive to the pests. The system is modular in nature whereby it may be configured as desired or necessary to target any combination of one or more species of pests. The modular system preferably includes, at minimum, a first component in the form of a pest control device that may be releasably connectable to a second component. The first component may contain one or more materials or structural features for controlling any individual species or combinations of species of ground crawling pests, termites and rodents. The second component may be a releasable base for securing the first component to vegetation, building surfaces and materials, or targeted areas of soil. Alternatively, the second component itself may be a pest control device that may be releasably connectable to the first component and which anchors the first component to the earth.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/14 A01M1/20 A01M31/00 (Advanced/Invention)
International (IPC 1-7): A01M1/14 A01M1/20 A01M23/02 A01M23/30 A01M25/00
CPC: A01M1/026 A01M1/14 A01M1/2011 A01M31/002 A01M2200/011
European: A01M1/02E A01M1/14 A01M1/20B A01M1/20B1 A01M1/20C A01M25/00 A01M31/00A K01M200/011 K01M201/01
US: 43/114 43/131 43/131P 43/132.1 43/61 43/81

PatBase – US2002046483_AA

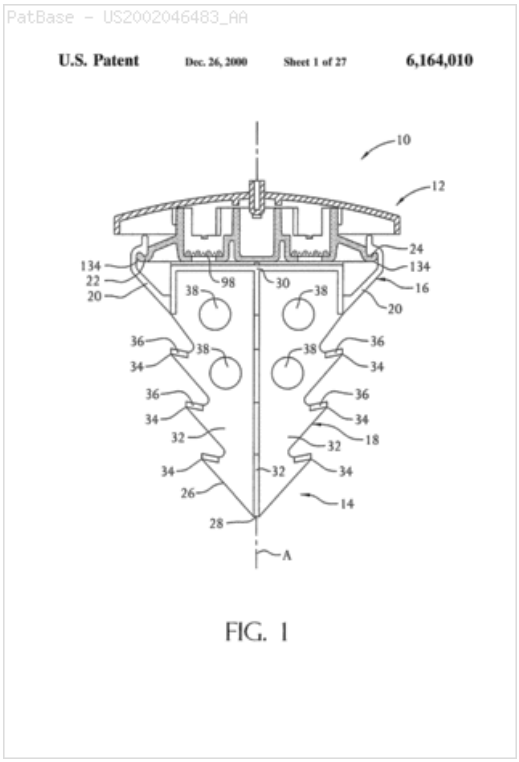


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
US2002046483 AA	20020425	US20010956690	20010919
US2003029076 AA	20030213	US20020229710	20021009
US2004079025 AA	20040429	US20030618167	20030711
US6164010 A	20001226	US19980146210	19980902
US6474016 BB	20021105	US20010956690	20010919
US6497070 BA	20021224	US20000695771	20001025
US6615535 BB	20030909	US20020229710	20021009

Priority:

US19980146210 19980902 US20000695771 20001025 US20010956690 20010919
US20020229710 20021009 US20030618167 20030711

Probable Assignee: M AND T BANK

Assignee(s): (std)**:** B AND G EQUIPMENT CO ; B AND G EQUIPMENT COMPANY

Assignee(s): G EQUIPMENT COMPANY ; GLAS TRUST CORP LTD ; M AND T BANK ; YEAGLE BRUCE C ; SNELL ERIC J ; B AND G EQUIPMENT CO INC ; B AND G EQUIPMENT CO INC F K A B AND G ACQ CORP ; B AMP AMP ; B AND G ACQ CORP

Inventor(s): (std)**:** SNELL ERIC J ; YEAGLE BRUCE C ; YEAGLE SR BRUCE C

187) Family number: 66524448 (US2019014769A)

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Title: INSECT PEST CONTROL PRODUCT AND INSECT PEST CONTROL METHOD

Abstract: Provided is an insect pest control product that is applicable to a water-based insecticidal composition and can continue to exert stable performance over a long period of time. The insect pest control product comprises a thermal vaporization/diffusion absorbent wick for vaporizing and diffusing a water-based insecticidal composition containing a pyrethroid insecticidal component having a vapor pressure of $2x10^{-4}$ to $1x10^{-2}$ mmHg at 30 degrees centigrade, a glycol ether compound and/or glycol compound having a boiling point of 150-300 degrees centigrade, and water. The thermal vaporization/diffusion absorbent wick has an insecticidal component/compound condensation ratio (P_1/P_2) within the range of 1.2-6.0, where the insecticidal component/compound condensation ratio (P_1/P_2) is calculated from a weight ratio (P_1) of the pyrethroid insecticidal component and the glycol ether compound and/or glycol compound contained in the thermal vaporization/diffusion absorbent wick after use, and a weight ratio (P_2) of the pyrethroid insecticidal component and the glycol ether compound and/or glycol compound contained in the water-based insecticidal composition before use.

Classifications:
International (IPC 8-9): A01M1/20 A01N25/18 A01N31/14 A01N53/00 A01N53/02 A01N53/06 A01P7/02 A01P7/04 A61L9/02 (Advanced/Invention);
A61L9/02 (Advanced/Non-invention)
International (IPC 1-7): A01M1/20 A01N25/18 A01N53/06 A61L9/02
CPC: A61L9/02 A01M1/2061 A01N53/00 A01M1/2016 A01M1/20 A01M2200/012 A01N25/02 A01N25/18

Family:

Publication number	Publication date	Application number	Application date
AU2017213296 AA	20180628	AU20170213296	20170124
AU2017213296 BB	20190418	AU20170213296	20170124
BR112018014978 A2	20181211	BR20181114978	20170124
CN108289453 A	20180717	CN201780004329	20170124
EP3409117 A1	20181205	EP20170744151	20170124
ID201809752 A	20180907	ID2018PID05414	20170124
IN201827025764 A	20190222	IN201827025764	20180710

JP2017130921 A1	20180927	JP20170564245T	20170124
KR20180074777 A	20180703	KR20187015027	20170124
MX2018009053 A1	20181109	MX20180009053	20170124
TW201725984 A	20170801	TW20170102647	20170124
US2019014769 AA	20190117	US20170066797	20170124
WO17130921 A1	20170803	WO2017JP02202	20170124

Priority:

JP20160011736 20160125 WO2017JP02202 20170124

Probable Assignee: DAINIPPON JOCHUGIKU KK

Assignee(s): (std): DAINIHON JOCHUGIKU CO LTD ; DAINIPPON JOCHUGIKU CO LTD ; DAINIPPON JOCHUGIKU KK

Assignee(s): DAINIHON JOCHUGIKU CO

Inventor(s): (std): ICHIMURA YUMIKO ; ITANO TAISUKE ; KASHIMA SEIICHI ; KOJI NAKAYAMA ; NAKAYAMA KOJI ; SEIICHI KASHIMA ; TAISUKE ITANO ; YUMIKO ICHIMURA

Agent(s): FISHER ADAMS KELLY CALLINANS; SPRUSON AND FERGUSON; CABINET BEAU DE LOMENIE; PRUDENCE JAHJA SH LLM; OKINAKA JIN

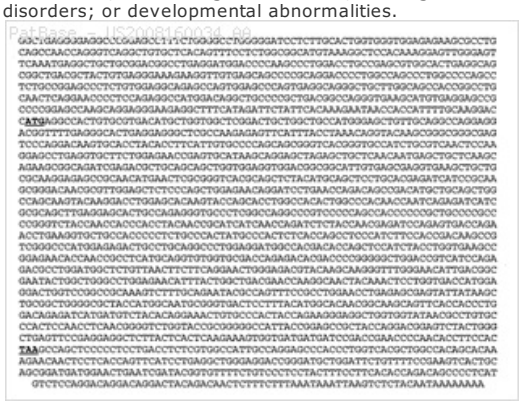
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188) Family number: 32681448 (US2008160034A)

© PatBase

Title: NOVEL GENE DISRUPTIONS, COMPOSITIONS AND METHODS RELATING THERETO

Abstract: The present invention relates to transgenic animals, as well as compositions and methods relating to the characterization of gene function. Specifically, the present invention provides transgenic mice comprising disruptions in PRO196, PRO217, PRO231, PRO236, PRO245, PRO246, PRO258, PRO287, PRO328, PRO344, PRO357, PRO526, PRO724, PRO731, PRO732, PRO1003, PRO1104, PRO1151, PRO1244, PRO1298, PRO1313, PRO1570, PRO1886, PRO1891, PRO4409, PRO5725, PRO5994, PRO6097, PRO7425, PRO10102, PRO10282, PRO61709 or PRO779 genes. Such in vivo studies and characterizations may provide valuable identification and discovery of therapeutics and/or treatments useful in the prevention, amelioration or correction of diseases or dysfunctions associated with gene disruptions such as neurological disorders; cardiovascular, endothelial or angiogenic disorders; eye abnormalities; immunological disorders; oncological disorders; bone metabolic abnormalities or disorders; lipid metabolic disorders; or developmental abnormalities.



Classifications:

International (IPC 8-9): A01K67/00 A01K67/027 A61K38/02 A61K39/395 A61K45/00 A61P1/04 A61P1/16 A61P11/00 A61P11/06 A61P13/12 A61P17/00 A61P17/02 A61P17/06 A61P17/08 A61P19/02 A61P19/08 A61P19/10 A61P25/00 A61P25/02 A61P25/18 A61P25/20 A61P25/22 A61P25/24 A61P25/28 A61P27/02 A61P27/12 A61P29/00 A61P3/10 A61P31/14 A61P35/00 A61P37/00 A61P37/02 A61P37/06 A61P37/08 A61P5/14 A61P5/16 A61P7/06 A61P9/00 A61P9/04 A61P9/10 A61P9/12 C07K16/18 C12N15/09 C12N5/06 C12N5/10 C12Q1/02 C12Q1/68 G01N33/00 G01N33/15 G01N33/50 G01N33/567 (Advanced/Invention);
A01K67/027 (Advanced/Non-invention);
A01K67/00 A61K39/395 A61P27/00 C07K16/18 C12N5/06 C12Q1/68 G01N33/567 (Core/Invention);
C12Q (Subclass/Invention)

CPC: A01K67/0276 A01K2217/05 A01K2227/105 A01K2267/02 A01K2267/03 C12N15/8509

European: A01K67/027M2 C12N15/85A K01K217/05 K01K227/10M K01K267/02 K01K267/03

US: 424/172.1 424/172.100P 424/172.100S 435/29 435/29S 435/325 435/325S 435/352 435/352S 435/7.21 435/7.210S 514/1.7 514/1.700S 514/1.9 514/1.900S 514/13.3 514/13.300S 514/13.5 514/13.500S 514/15.4 514/15.400S 514/15.7 514/15.700S 514/16.4 514/16.400S 514/16.6 514/16.600S 514/16.8 514/16.800S 514/16.9 514/16.900S 514/17.7 514/17.700S 514/19.3 514/19.300S 514/4.3 514/4.300S 514/6.9 514/6.900S 530/387.9 530/387.900S 800/18 800/3 800/3P 800/3S

Family:

Publication number	Publication date	Application number	Application date
AU2005280266 AA	20060309	AU20050280266	20050823
CA2577102 AA	20070213	CA20052577102	20050823
EP1781824 A2	20070509	EP20050793413	20050823
JP2008510488 T2	20080410	JP20070530006T	20050823
US2008160034 AA	20080703	US20050572702	20050823
US2011061114 AA	20110310	US20100945589	20101112
US7956237 BB	20110607	US20050572702	20050823
WO06026222 A2	20060309	WO2005US29782	20050823
WO06026222 A3	20060601	WO2005US29782	20050823
ZA200702321 A	20090930	ZA20070002321	20050823
ZA200802556 A	20100224	ZA20080002556	20080319
ZA200802557 A	20100127	ZA20080002557	20080319
ZA200802558 A	20100127	ZA20080002558	20080319
ZA200802559 A	20090527	ZA20080002559	20080319
ZA200802560 A	20090527	ZA20080002560	20080319
ZA200802561 A	20100224	ZA20080002561	20080319
ZA200802562 A	20100224	ZA20080002562	20080319
ZA200802563 A	20100224	ZA20080002563	20080319

Priority:

US20040604323P 20040825 US20050572702 20050823 WO2005US29782 20050823
US20070572702 20070125 US20100945589 20101112

Probable Assignee: LEXICON GENETICS INC

Assignee(s): (std): BRENNAN JANE ; DESAUVAGE FREDERIC ; EDWARDS JOEL ; EDWARDS JOEL A ; GENENTECH INC ; HUANG WENHU ; LEXICON GENETICS INC ; MONTGOMERY CHUCK ; PAYNE BOBBY JOE ; SHI ZHENG ZHENG ; SPARKS MARY JEAN ; VOGEL PETER ; YE WEILAN ; LEXICON PHARMACEUTICALS INC ; MONTGOMERY CHARLES

Inventor(s): (std): CHUCK MONTGOMERY ; DE SAUVAGE FREDERIC J ; DESAUVAGE FREDERIC ; EDWARDS JOEL ; EDWARDS JOEL A ; FREDERIC DESAUVAGE ; HUANG WENHU ; JANE BRENNAN ; JEAN SPARKS MARY ; JOE PAYNE BOBBY ; JOEL EDWARDS ; MARY JEAN SPARKS ; MONTGOMERY CHARLES ; MONTGOMERY CHUCK ; PAYNE BOBBY JOE ; PETER VOGEL ; SHI ZHENG ZHENG ; SHI ZHENG ZHENG PAYNE BOBBY JOE ; BOBBY JOE PAYNE ; BRENNAN JANE ; CHARLES MONTGOMERY ; SPARKS MARY JEAN ; VOGEL PETER ; WEILAN YE ; WENHU HUANG ; YE WEILAN ; ZHENG ZHENG SHI

Inventor(s): SHI ZHENG ZHENGPAYNE BOBBY JOE

Agent(s): GRIFFITH HACK; SMART AND BIGGAR; GENENTECH INC; BONNY; JAMES A; GINGER R

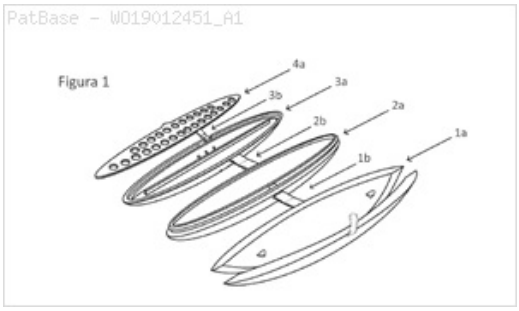
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189) Family number: 72876448 (WO19012451A1)

Title: SELF-ASSEMBLING DEVICE FOR PEST CONTROL

Abstract: The invention relates to a self-assembling device for pest control, the structure of which allows it to be supported on a tree branch, or instead on a natural or man-made straight support, comprising a roof and a capsule, separating stops, a gradual adjustment system, optionally a separating screen, and connectors that allow the device to be manufactured as a single hinged part, facilitating the production, storage, transport and installation of the device. Said device makes it possible to release the contents of the capsule, said contents ranging from beneficial insects to products or substances that help with pest control.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/20 A01N25/00 (Advanced/Invention)
CPC: A01M1/24 A01M1/02 A01M1/2055 A01M29/12



Family:

Publication number	Publication date	Application number	Application date
UY37322 A1	20190228	UY20170037322	20170712
WO19012451 A1	20190117	WO2018IB55119	20180711

Priority:
UY20170037322 20170712

Probable Assignee: VICTOR ALEJANDRO MACADAR ANGIER

Assignee(s): (std): MACADAR ANGIER VICTOR ALEJANDRO ; VICTOR ALEJANDRO MACADAR ANGIER

Inventor(s): (std): VICTOR ALEJANDRO MACADAR ANGIER ; MACADAR ANGIER VICTOR ALEJANDRO

Agent(s): DURAN CORRETJER SLP

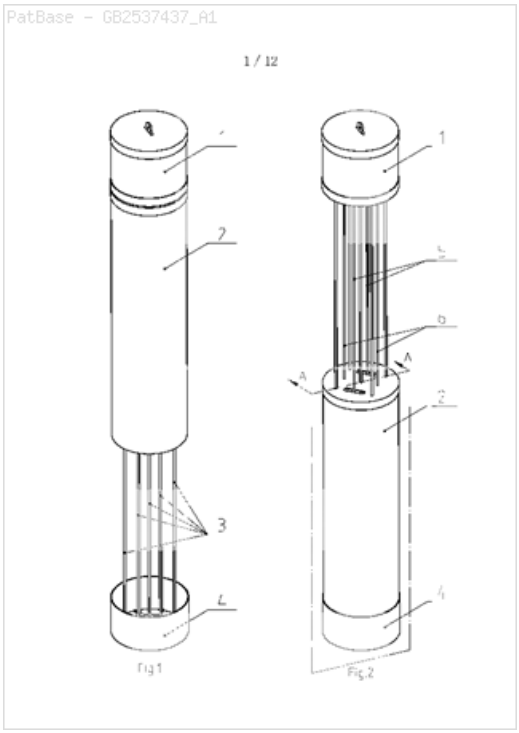
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190) Family number: 58152451 (GB2537437B)

Title: DEVICE TO KILL MOSQUITOS AND/OR FLIES

Abstract: A device to trap and kill flying insects such as mosquitoes and flies. The device comprises: an upper housing 1 with electric motor; a connecting rod 3 coated with an adhesive attractant; a movable middle barrel 2 containing a reservoir of the attractant, a sponge-like block to apply the attractant to the rod, and a lower scraping cover; and a lower housing 4 for containing a liquid to drown the insects. The central rod connects the upper housing to the lower housing, and also acts as the axis for the middle barrel to slide vertically on. In use, the middle barrel is raised by the motor along the connecting rod, applying sticky attractant such as sugar syrup along the length of the rod or rods. The barrel is lowered by the motor, with the bottom edge scraping stuck insects from the rods, into the liquid container below, where the trapped insects are smothered.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01M1/14 A01M1/20 (Advanced/Invention); A01M1/00 (Core/Invention)
CPC: A01M1/02 A01M1/106 Y02A50/371 A01M1/14 A01M1/10



Family:

Publication number	Publication date	Application number	Application date
AU2015100406 AD	20150507	AU20150100406	20150331
AU2015100407 AD	20150507	AU20150100407	20150331
AU2015100408 AD	20150507	AU20150100408	20150331
AU2015100416 AD	20150507	AU20150100416	20150401
AU2015100417 AD	20150507	AU20150100417	20150401
AU2015100418 AD	20150507	AU20150100418	20150401
CN104255681 A	20150107	CN201410516017	20140929
CN104255681 B	20160831	CN201410516017	20140929
CN204047686 U	20141231	CN201420570466U	20140929
GB201517139 A0	20151111	GB20150017139	20150929
GB201517140 A0	20151111	GB20150017140	20150929
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GB201517142 A0	20151111	GB20150017142	20150929
GB201517143 A0	20151111	GB20150017143	20150929
GB201517144 A0	20151111	GB20150017144	20150929
GB2537437 A1	20161019	GB20150017139	20150929
GB2537437 B2	20171025	GB20150017139	20150929
IE20150312 A2	20160518	IE20150000312	20150910
IE20150316 A2	20160518	IE20150000316	20150910
IE20150317 A2	20160518	IE20150000317	20150910
IE20150322 A2	20160518	IE20150000322	20150910
IE20150323 A2	20160518	IE20150000323	20150910
IE20150324 A2	20160518	IE20150000324	20150910
IE20150345 A1	20160518	IE20150000345	20150910
IE20150350 A1	20160518	IE20150000350	20150910
IE20150352 A1	20160518	IE20150000352	20150910
IE20150355 A1	20160518	IE20150000355	20150910
IE20150356 A1	20160518	IE20150000356	20150910
IE20150357 A1	20160518	IE20150000357	20150910
IE86742 B3	20161116	IE20150000312	20150910
IE86746 B3	20161116	IE20150000316	20150910
IE86747 B3	20161116	IE20150000317	20150910
IE86752 B3	20161116	IE20150000322	20150910
IE86753 B3	20161116	IE20150000323	20150910
IE86754 B3	20161116	IE20150000324	20150910
IE86851 B	20171213	IE20150000345	20150910

Priority:

CN201410516017 20140929 CN201420570466U 20140929

Probable Assignee: XIAMEN AIZHUO IND DESIGN CO LTD

Assignee(s): (std)**:** GONG ZHU ; XIAMEN AIZHUO IND DESIGN CO LTD ; ZHU GONG

Assignee(s): XIAMEN AIZHUO INDUSTRIAL DESIGN CO ; ACCORD INDUSTRIAL DESIGN CO LTD XIAMEN ; GONG COLUMN

Inventor(s): (std)**:** GONG ZHU

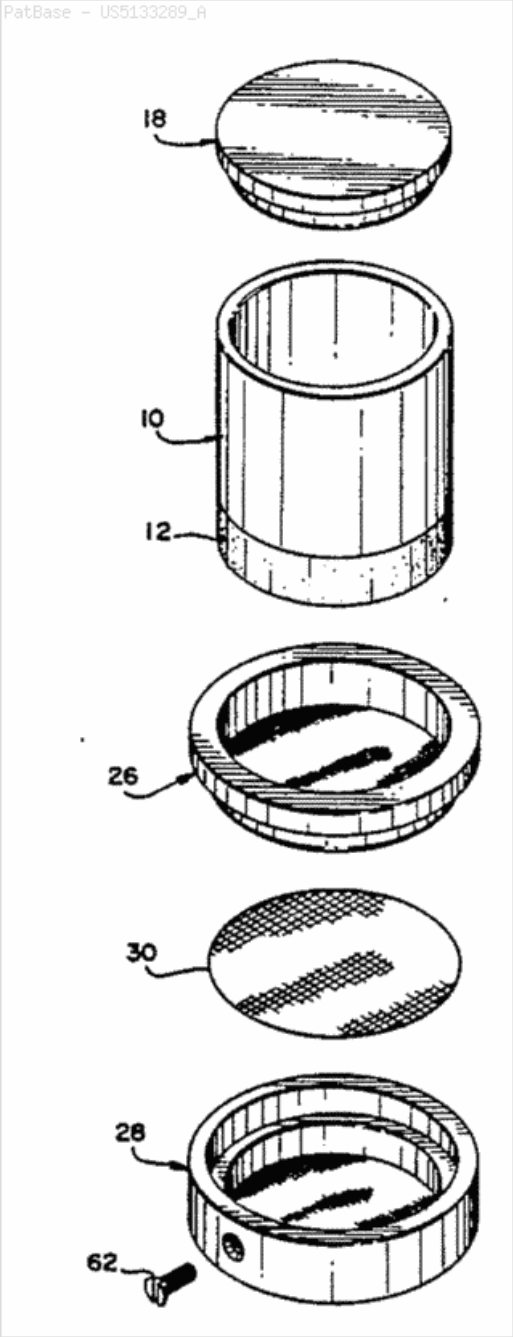
Agent(s): GONG ZHU

191) Family number: 24045452 (US5133289A)

Title: Artificial system and method for breeding fleas

Abstract: A system for breeding fleas comprises a blood reservoir with a feeding membrane and a cage adjacent to the feeding membrane and containing a screen which supports the fleas during feeding, divides the cage into a feeding chamber and an egg collection chamber and provides access by the fleas between these chambers. The fleas are confined in the cage and stand on the screen to feed by penetrating the membrane with their mouth parts to obtain blood from the reservoir. The access between the feeding and egg collection chambers allows the cage to contain more fleas than if such access were not provided and open interiors of the feeding and egg collection chambers allow easy cleaning and egg collection.

Classifications:
International (IPC 8-9): A01K67/033 (Advanced/Invention)
International (IPC 1-7): A01K67/00
CPC: A01K67/033
European: A01K67/033
US: 119/6.6



Family:

Publication number	Publication date	Application number	Application date
US5133289 A	19920728	US19910755141	19910905
USRE35348 E	19961008	US19940186800	19940125

Priority:
US19910755141 19910905 US19940186800 19940125

Probable Assignee: CORNELL RES FOUNDATION INC
Assignee(s): (std): CORNELL RES FOUNDATION INC
Assignee(s): CORNELL RESEARCH FOUNDATION INC ; CORNELL RESEARCH FOUNDATION INC A CORP OF NY
Inventor(s): (std): GEORGI JAY R

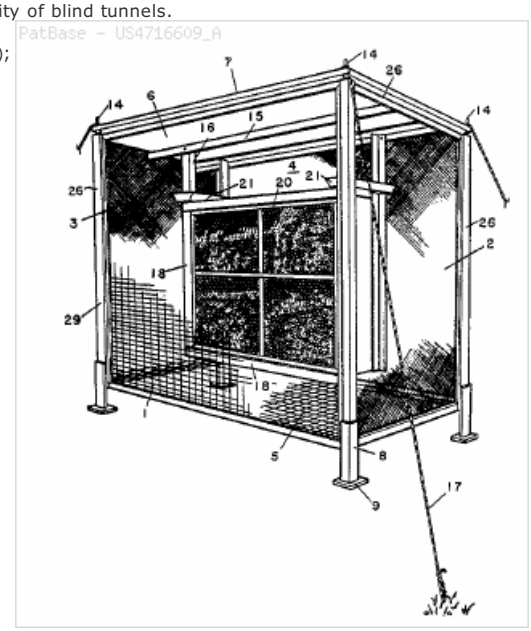
192) Family number: 10106453 (US4716609A)

Title: Domicile for leaf cutter bees

Abstract: A domicile for leaf cutter bees includes front, end and rear panels, a base and top panel and a lid of weather

resistant material. The domicile is supported on legs which are fitted to the end panels and to each of which there is fitted an angle bracket carrying an upstanding locating pin. The base is inserted between the end panels and located by holes engaging over the locating pins. The tops of the end panels are provided with a bracket carrying locating pins over which the top panel is located. The top panel has cross angle members attached by bolts or pin hangers. The lid is fitted over the top panel and located by the locating pins. Guy wires are fitted to the locating pins to stabilize the unit. The nest holder is suspended from the top panel by a hanger, each nest being a plurality of blind tunnels.

Classifications:
International (IPC 8-9): A01K47/00 A01K67/033 (Advanced/Invention); A01K47/00 A01K67/00 (Core/Invention)
International (IPC 1-7): A01K47/00
CPC: A01K47/00 A01K67/033
European: A01K47/00 A01K67/033
US: 449/4
Locarno class: 6 / 1



Family:

Publication number	Publication date	Application number	Application date
US4716609 A	19880105	US19860832784	19860226

Priority:
US19860832784 19860226

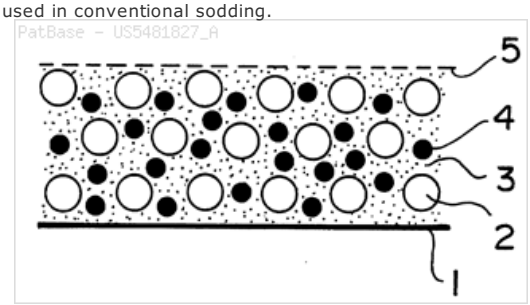
Probable Assignee: NORMAN FREDERICK A
Assignee(s): (std)**:** NORMAN FREDERICK A
Inventor(s): (std)**:** NORMAN FREDERICK A

193) Family number: 4424458 (US4986026A)

Title: ALTERNATIVE METHOD FOR PRODUCING TALL FESCUE SOD

Abstract: A novel method is described for growing tall fescue sods on a solid base in large rolls. Whole culm straw is placed 1-2 inches deep over the solid base, typically plastic sheeting. Thirty to forty cubic yards of composted sewage sludge are then applied to the straw, filling the voids and interstices to produce a coherent matrix. This is seeded with tall fescue, then irrigated, fertilized, and mowed in a conventional manner. Unharvested wheat seed left in the straw germinates along with the tall fescue and forms a vigorous primary rooting system which rapidly effects a bona fide sod about one-half inch thick and aproximately one-half the weight of a conventional mineral sod. The synthetic sod is harvested in large rolls typically as much as five feet wide and comprising 20-50 square yards. These big rolls are laid at the installation site by the grading tractor, obviating the need for a fork lift, pallets, and laying crew as used in conventional sodding.

Classifications:
International (IPC 8-9): A01C1/04 A01G1/00 A01G1/12 (Advanced/Invention); A01C1/04 A01G1/00 (Core/Invention)
International (IPC 1-7): A01C1/04 A01G1/12
CPC: A01G20/00 A01C1/044
European: A01C1/04B A01G1/00C
US: 47/1.01 47/1.01R 47/56 47/58 47/58.10R 47/58.1R 47/9



Family:

Publication number	Publication date	Application number	Application date
CA2030250 AA	19920402	CA19902030250	19901119
CA2030250 C	19960213	CA19902030250	19901119
US4986026 A	19910122	US19880224939	19880727
US5177898 A	19930112	US19900590692	19901001
US5481827 A	19960109	US19940221793	19940401
WO9205683 A1	19920416	WO1990US07696	19901231

Priority:
US19880224939 19880727 US19900590692 19901001 CA19902030250 19901119
US19930002263 19930108 US19940221793 19940401

Probable Assignee: BUCKEYE BLUEGRASS FARMS
Assignee(s): (std)**:** BUCKEYE BLUEGRASS FARMS ; DECKER HENRY F
Inventor(s): (std)**:** DECKER HENRY F

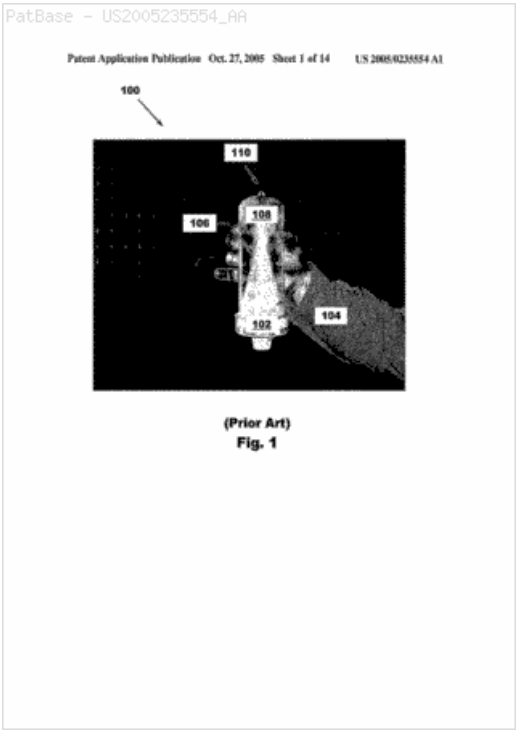
Agent(s): R WILLIAM WRAY AND ASSOCIATES
Designated states: AT BE CH DE DK ES FR GB GR IT JP LU NL SE

194) Family number: 32360463 (US2005235554A)

Title: INSERTABLE PEST CATCHING DEVICE

Abstract: The insertable pest catching device is an invention that because of its unique geometry and design provides for the simple and cost effective catching of pests such as hornets and yellow jackets. The device is principally intended for use in combination with an empty plastic two-liter volume soda pop bottle or the like. In practice, an attractant such as a predetermined amount of sugar water is placed into a capped plastic bottle and the funnel shaped device is retentatively pressed into the side of the bottle. The device in combination with the bottle creates an attraction to pests. The pests are guided into the bottle through the funnel and subsequently die within the bottle. After a predetermined quantity of pests are trapped within the bottle, the bottle, with the device still inserted may be discarded as an entire assembly. Thus the disassembly, mess, and washing common with prior art pest catching devices is avoided. In certain embodiments, multiple devices may be inserted into a single bottle.

Classifications:
International (IPC 8-9): A01M1/04 A01M1/10 A01M1/12 A01M23/08 (Advanced/Invention); A01M1/00 A01M1/02 A01M23/00 (Core/Invention)
International (IPC 1-7): A01M1/10 A01M23/08
CPC: A01M1/04 A01M1/106 A01M2200/012 A01M1/10 A01M23/08
European: A01M1/04 A01M1/10 A01M1/10F A01M23/08 K01M200/012 K01M201/02
US: 141/331 141/340 222/81 222/90 43/107 43/113 43/122 43/65



Family:

Publication number	Publication date	Application number	Application date
US2005235554 AA	20051027	US20050111626	20050420
US7222453 BB	20070529	US20050111626	20050420
US7503142 BA	20090317	US20070688204	20070319

Priority:
US20040565678P 20040427 US20050111626 20050420 US20070688204 20070319

Probable Assignee: UHL MICHAEL A
Assignee(s): (std)**:** UHL MICHAEL A
Inventor(s): (std)**:** UHL MICHAEL A
Inventor(s): UHL MICHAEL
Agent(s): MICHAEL R SCHRAMM

195) Family number: 56829465 (WO14104197A1)

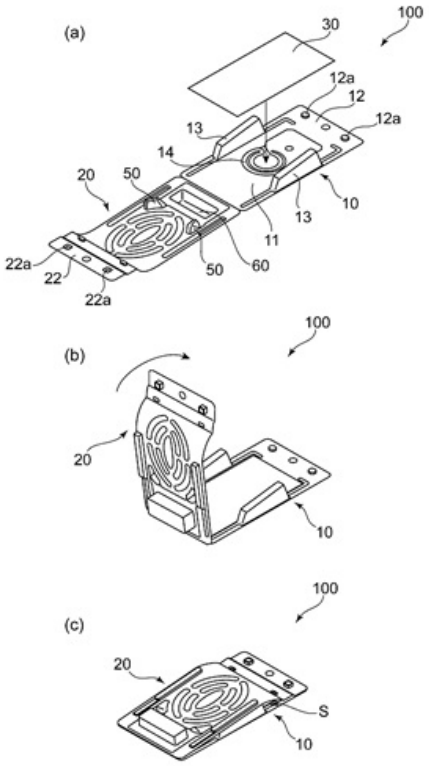
Title: FLYING INSECT CATCHER

Abstract: Provided is a flying insect catcher with high attraction and trapping capacities, the catcher utilizing a color combination that is very attractive to flying insects. The flying insect catcher is provided with an adhesive sheet (30) to which the flying insects adhere, a main body (10) on which the adhesive sheet (30) is set, a cover (20) that is installed so as to cover the adhesive sheet (30), and entry holes (40) provided in the cover (20) through which the flying insects enter. The catcher is configured so that when the cover (20) is installed on the main body (10), in addition to an internal space (S) for accommodating the adhesive sheet (30) being formed between the main body (10) and the cover (20), the internal space (S) communicates via the entry holes (40) with the external environment in which the flying insects live. The adhesive sheet (30) is provided with a sea-and-island pattern obtained from a background region (P) colored with color number n1 in the PCCS color wheel [n1: 4 (reddish orange) - 6 (yellowish orange)] and multiple island-like areas (Q) colored with color number (n2+2) - (n2+4) [n2 ? n1: 6 (yellowish orange) - 10 (yellow green)].

Classifications:
International (IPC 8-9): A01M A01M1/02 A01M1/10 A01M1/14 A01M1/16 (Advanced/Invention); A01M1/04 (Core/Invention); A01M (Subclass/Invention)
CPC: A01M1/145 A01M1/02 A01M1/106 A01M1/16

PatBase - WO14104197_A1

[図2]



Family:

Publication number	Publication date	Application number	Application date
AU2013367072 AA	20140703	AU20130367072	20131226
AU2013367072 BB	20160414	AU20130367072	20131226
CN104837338 A	20150812	CN201380061510	20131226
CN104837338 B	20170707	CN201380061510	20131226
EP2939537 A1	20151104	EP20130867305	20131226
EP2939537 A4	20160907	EP20130867305	20131226
HK1211792 A1	20160603	HK20150112768	20151228
HK1211792 B	20180406	HK20150112768	20151228
ID201703044 A	20170331	ID2015P0004414	20131226
JP2014104197 A1	20170119	JP20140554549T	20131226
JP6029690 B1	20161124	JP20140554549T	20131226
KR101958896 B1	20190315	KR20157013950	20131226
KR20150073212 A	20150630	KR20157013950	20131226
KR20170089985 A	20170804	KR20177020997	20131226
TH157426 A	20161107	TH20151003202	20131226
TW201438573 A	20141016	TW20130148305	20131225
TWI540960 B	20160711	TW20130148305	20131225
WO14104197 A1	20140703	WO2013JP84897	20131226

Priority:

JP20120286415 20121228 WO2013JP84897 20131226

Probable Assignee: DAINIPPON JOCHUGIKU KK

Assignee(s): (std)**:** DAINIPPON JOCHUGIKU CO LTD ; DAINIPPON JOCHUGIKU KK

Assignee(s): DAINIHON JOCHUGIKU CO ; DAINIHON JOCHUGIKU CO LTD

Inventor(s): (std)**:** HONAMI MITSUISHI ; TSUTOMU KANZAKI ; TOMOYUKI HIKITSUCHI ; KOJI NAKAYAMA ; HIKITSUCHI TOMOYUKI ; NAKAYAMA KOJI ; KANZAKI TSUTOMU ; MITSUISHI HONAMI

Agent(s): FISHER ADAMS KELLY PTY LTD; FISHER ADAMS KELLY CALLINANS; SPRUSON AND FERGUSON; INTES DIDIER GERARD ANDRE; MARKS AND CLERK; NADIA AM BADAR; OKINAKA JIN

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

196) Family number: 43360465 (US2009145025A)

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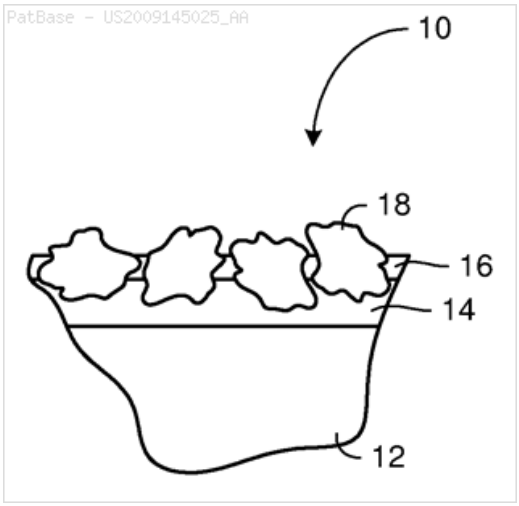
Title: HYDRATION MAINTENANCE APPARATUS AND METHOD

Abstract: A material for maintaining hydration in plants, whether potted or in natural soils may include a substrate treated with a binder, securing a layer of hydrating particles thereto. Typical binders may include lignicite, or other naturally occurring materials such as sugars, molasses, corn syrup, gelatin, or the like. A byproduct of wood, lignicite has been found to be very effective. Various materials can serve as a hydrating, particulate coating. Polyacrylamide has been found to serve well and provide relief from the stress of dehydration that normally occurs in plants between waterings.

Classifications:

International (IPC 8-9): A01B79/00 A01C1/04 A01C1/06 A01C21/00

A01G1/00 A01G22/00 A01G24/00 A01G25/00 A01G29/00 A01G31/00 A01G7/00 A01G9/10 A01N25/10 A01N25/12 A01N25/34 A01P13/00 A01P15/00 A01P3/00 A01P7/04 B01J20/26 C05D9/00 C08F20/56 C09K17/14 C09K17/22 C09K17/40 C09K17/42 C09K3/00 C09K8/52 C09K8/64 C09K8/68 C09K8/80 E02D3/00 E21B43/26
E21B43/267 (Advanced/Invention);
E21B43/267 (Advanced/Non-invention);
A01B79/00 A01G1/00 A01G25/00 A01G29/00
A01N25/12 (Core/Invention)
CPC: C09K8/88 C09K17/42 C10G2300/1033 C10G2300/4037 C09K8/68 C09K8/805 B01J20/26 A01C1/04 C09K17/40 A01C1/06 A01C21/00 A01G7/00 A01G24/35 C09K17/22 E21B21/062 E21B43/267 C09K8/64 A01N25/34 A01G2/00 A01G22/00 A01G24/00
European: A01G1/00 A01G31/00B A01G9/10K A01N25/34 C09K17/22 K01G9/10G2 M10G300/10F M10G300/40F
US: 1/1 166/308.1 166/308.100P 252/194 405/128.45 405/128.5 405/263 427/202 47/21.1 47/48.5 47/57.6 47/58.1R 47/58.1SC 47/58.1SE 47/59.00SP 47/59S 504/101 504/116.1 504/359 504/359S 507/203 507/203S 507/211 507/219 507/224 507/225 507/237 507/240 507/244 507/260 507/267 507/268 514/772 521/149 521/149S 525/342 525/342S 525/55 525/55S 71/11



Family:

Publication number	Publication date	Application number	Application date
CA2956408 AA	20170729	CA20172956408	20170127
US2009145025 AA	20090611	US20080324608	20081126
US2010071261 AA	20100325	US20090565452	20090923
US2011265376 AA	20111103	US20100913662	20101027
US2011289841 AA	20111201	US20100789177	20100527
US2012080192 AA	20120405	US20110299288	20111117
US2012225800 AA	20120906	US20120418227	20120312
US2012317880 AA	20121220	US20120598135	20120829
US2013005569 AA	20130103	US20120599735	20120830
US2013097924 AA	20130425	US20120716397	20121217
US2013133251 AA	20130530	US20120484482	20120531
US2014050530 AA	20140220	US20130970144	20130819
US2014243246 AA	20140828	US20140171920	20140204
US2014298722 AA	20141009	US20140293555	20140602
US2015121751 AA	20150507	US20150594837	20150112
US2015143746 AA	20150528	US20150594396	20150112
US2017137703 AA	20170518	US20170416950	20170126
US2018295794 AA	20181018	US20180918859	20180312
US7726070 BB	20100601	US20080324608	20081126
US8196346 BB	20120612	US20090565452	20090923
US8341881 BB	20130101	US20100789177	20100527
US8453377 BB	20130604	US20100913662	20101027
US8510986 BB	20130820	US20120716397	20121217
US8661729 BB	20140304	US20110299288	20111117
US8739464 BB	20140603	US20120484482	20120531
US8881453 BB	20141111	US20120598135	20120829
US8931209 BB	20150113	US20120599735	20120830
US8931210 BB	20150113	US20130970144	20130819
US9057014 BB	20150616	US20120418227	20120312
US9856415 BA	20180102	US20160011111	20160129
US10040990 BA	20180807	US20160014623	20160203
US10266757 BB	20190423	US20140171920	20140204

Priority:

US20070012912P 20071211 US20080099852P 20080924 US20080324608 20081126
US20080327608 20081126 US20090565452 20090923 US20100789177 20100527
US20100913662 20101027 US20110531042P 20110905 US20110299288 20111117
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US20150594396 20150112 US20160011111 20160129 US20160014623 20160203
US20160136352 20160422 US20170416950 20170126 US20180918859 20180312

Probable Assignee: AQUASMART ENTERPRISES LLC

Assignee(s): (std): AQUASMART ENTPR LLC ; FOLEY JEREMIAH L ; HENDRICKSON CALDER ; THRASH TOMMY K ; NAFF TODD ; SUPERIOR SILICA SANDS LLC

Assignee(s): US BANK NATIONAL ASSOCIATION ; LEVERSON RYAN ; PNC BANK NATIONAL ASSOCIATION ADMINISTRATIVE AND COLLATERAL AGENT AS ; HPS INVESTMENT PARTNERS LLC NOTES AGENT AND COLLATERAL AGENT AS ; PNC BANK NATIONAL ASSOCIATION ; AQUASMART ENTERPRISES LLC ; HYDROSTRETCH PRODUCTS ; HYDROSTRETCH PRODUCTS INC ; HPS INVESTMENT PARTNERS LLC AGENT AS ; CIT GROUP EQUIPMENT FINANCING INC AGENT AS

Inventor(s): (std): THRASH TOMMY K ; FOLEY JEREMIAH L ; HENDRICKSON CALDER ; NAFF TODD ; LEVERSON RYAN

Agent(s): SMART AND BIGGAR; BERESKIN AND PARR LLP SENCRL SRL; RIDOUT AND MAYBEE LLP; PATE PIERCE AND BAIRD; PATE BAIRD PLLC; SHOOK HARDY AND BACON LLP

197) Family number: 55003469 (US2013276355A)

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Title: DUAL ACTION LETHAL CONTAINERS, SYSTEMS, METHODS AND COMPOSITIONS FOR KILLING ADULT MOSQUITOS AND LARVAE

Abstract: Dual action lethal containers, systems, methods, compositions and formulas used to kill mosquitoes and their larvae. The containers can have separate interior larvicidal and adulticidal coatings separated from each other by horizontal water line holes in the container. Another container can use a novel combined coating of a larvicidal and adulticidal coating. Unique compositions of adulticidal coatings, larvicidal coatings and combined adulticidal and larvicidal coatings can be used as liners.

Classifications:

International (IPC 8-9): A01C1/08 A01G7/06 A01G9/02 A01M A01M1/02 A01M1/04 A01M1/10 A01M1/20 A01M25/00 A01N25/08 A01N31/14 A01N37/06 A01N37/38 A01N43/22 A01N43/30 A01N43/38 A01N43/40 A01N47/18 A01N47/22 A01N49/00 A01N53/00 A01N57/16 A01N63/00 A01N63/02 (Advanced/Invention); A01M (Subclass/Invention)

International (IPC 1-7): A01C1/08 A01G7/06 A01G9/02

CPC: A01M1/2011 A01N47/22 A01N49/00 A01N25/10 A01N25/34 A01N37/32 A01M1/106 A01M1/04 A01M1/2016 A01M1/2005 A01N37/38 A01M25/00 A01N43/22 A01N43/40 A01N53/00 A01N57/16 A01N63/00 A01N31/14 A01N37/06 A01N43/30 A01N43/38 A01N47/18 Y02A50/356 Y02A50/371 A01M1/02 A01M1/10 A01M1/20 A01M1/2055 A01N25/08

US: 1/1 424/411 424/93.461 427/230 43/107 43/131 43/132.1 514/345 514/531 514/86 514/89

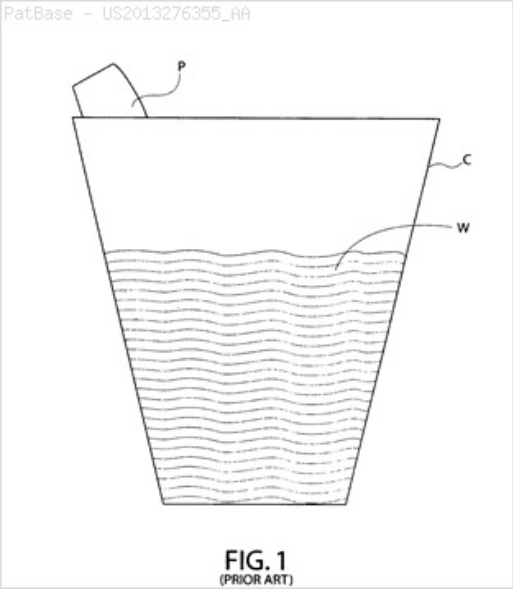


FIG. 1
(PRIOR ART)

Family:

Publication number	Publication date	Application number	Application date
AU2013249080 AA	20131024	AU20130249080	20130419
AU2013249080 BB	20170406	AU20130249080	20130419
AU2014249037 AA	20150709	AU20140249037	20140311
AU2014249037 BB	20170406	AU20140249037	20140311
AU2016203144 AA	20160602	AU20160203144	20160513
AU2016203144 BB	20171012	AU20160203144	20160513
BR112014026032 A2	20181016	BR20141126032	20130419
BR112015021101 A2	20170718	BR20151121101	20140311
CN104507302 A	20150408	CN201380020678	20130419
CN104507302 B	20160810	CN201380020678	20130419
CN105283072 A	20160127	CN201480014176	20140311
CN105283072 B	20180810	CN201480014176	20140311
EP2838342 A1	20150225	EP20130778229	20130419
EP2838342 A4	20150701	EP20130778229	20130419
EP2967020 A1	20160120	EP20140779603	20140311
EP2967020 A4	20170222	EP20140779603	20140311
EP3092896 A1	20161116	EP20160170235	20140311
HK1216225 A1	20161028	HK20160104049	20160408
MX2014012627 A1	20150511	MX20140012627	20130419
MX2015012577 A1	20160120	MX20150012577	20140311
MX351108 B	20171002	MX20140012627	20130419
US2013276355 AA	20131024	US20130866656	20130419
US2014259876 AA	20140918	US20140204524	20140311
US2016029611 AA	20160204	US20150881509	20151013
US2016165872 AA	20160616	US20160048604	20160219
US2017105402 AA	20170420	US20160367874	20161202
US2017142955 AA	20170525	US20160382072	20161216
US9192151 BB	20151124	US20130866656	20130419
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US9554567 BB	20170131	US20150881509	20151013
US9572338 BB	20170221	US20160048604	20160219
US9775335 BB	20171003	US20160367874	20161202
US9992989 BB	20180612	US20160382072	20161216
WO13159023 A1	20131024	WO2013US37422	20130419
WO14164783 A1	20141009	WO2014US23478	20140311
WO18102669 A1	20180607	WO2017US64187	20171201

Priority:

US20120635497P 20120419 US20130777766P 20130312 US20130866656 20130419
WO2013US37422 20130419 AU20140249037 20140311 EP20140779603 20140311
US20140204524 20140311 WO2014US23478 20140311 US20150881509 20151013
US20160048604 20160219 AU20160203144 20160513 US20160367874 20161202
US20160382072 20161216

Probable Assignee: OF FLORIDA RESEARCH FOUNDATION INC UNIV

Assignee(s): (std): EPHRAIM V RAGASA ; KOEHLER PHILIP ; KOEHLER PHILIP G ; LEVI ENRICO PAOLO ; PEREIRA ROBERT M ; RAGASA EPHRAIM V ; OF FLORIDA RESEARCH FOUNDATION INC UNIV ; RAGASA EPHRAIM ; PEREIRA ROBERT ; PEREIRA ROBERTO M ; PHILIP G KOEHLER ; ROBERT M PEREIRA ; UNIV FLORIDA ; UNIV OF FLORIDA RES FOUND INC ; UNIV OF FLORIDA RESEARCH FOUNDATION INC

Inventor(s): (std): PEREIRA ROBERT M ; RAGASA EPHRAIM V ; KOEHLER PHILIP G ; PEREIRA ROBERTO M ; LEVI ENRICO PAOLO ; EPHRAIM V RAGASA ; ROBERT M PEREIRA ; PHILIP G KOEHLER ; ENRICO PAOLO LEVI ; ROBERTO M PEREIRA ; KOEHLER PHILIP ; PEREIRA ROBERTO ; LEVI ENRICO

Agent(s): PIZZEYS PATENT AND TRADE MARK ATTORNEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY

LTD; MACLACHLAN AND DONALDSON; ELLA CHEONG HONG KONG LTD; BRIAN S; LAW OFFICES OF BRIAN S STEINBERGER PA; STEINBERGER BRIAN S

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

198) Family number: 32026469 (US2007292438A)

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Title: NOVEL GENE DISRUPTIONS, COMPOSITIONS AND METHODS RELATING THERETO

Abstract: The present invention relates to transgenic animals, as well as compositions and methods relating to the characterization of gene function. Specifically, the present invention provides transgenic mice comprising disruptions in PRO224, PRO9783, PRO1108, PRO34000, PRO240, PRO943, hu A33, PRO230, PRO178, PRO1199, PRO4333, PRO1336, PRO19598, PRO1083, hu TRPM2 or PRO1801 genes. Such in vivo studies and characterizations may provide valuable identification and discovery of therapeutics and/or treatments useful in the prevention, amelioration or correction of diseases or dysfunctions associated with gene disruptions such as neurological disorders; cardiovascular, endothelial or angiogenic disorders; eye abnormalities; immunological disorders; oncological disorders; bone metabolic abnormalities or disorders; lipid metabolic disorders; or developmental abnormalities.

Classifications:
International (IPC 8-9): A01K67/027 A61K38/00 A61K39/395 A61K45/00 A61P11/00 A61P11/02 A61P13/12 A61P17/02 A61P17/06 A61P19/00 A61P19/10 A61P25/00 A61P25/04 A61P25/18 A61P25/20 A61P25/22 A61P25/24 A61P25/28 A61P27/02 A61P27/12 A61P29/00 A61P35/00 A61P37/00 A61P37/02 A61P9/00 A61P9/10 C07K16/00 C12N15/00 C12N15/09 C12N15/63 C12N5/00 C12N5/06 C12N5/10 C12Q1/00 C12Q1/02 C12Q1/68 C40B30/04 G01N21/64 G01N23/083 G01N33/00 G01N33/53 (Advanced/Invention);
A01K67/027 C40B30/00 (Advanced/Non-invention);
A01K67/027 A61K39/395 C07K16/00 C12N5/00 C12N5/06 C12Q1/02 G01N33/00 (Core/Invention);
A01K (Subclass/Invention)
International (IPC 1-7): A01K67/02
CPC: A01K67/0276 A01K2217/075 A01K2227/105 A01K2267/0306
European: A01K67/027M A01K67/027M2 K01K217/07B K01K227/10M K01K267/03A
US: 424/172.1 424/172.100P 435/29 435/29S 435/325 435/325S 435/352 435/352S 435/375 435/375S 435/7.1 435/7.100S 435/7.92 435/7.920S 506/9 506/9S 530/387.1 530/387.100S 800/21 800/3 800/3P 800/3S



Family:

Publication number	Publication date	Application number	Application date
AU2004299044 AA	20050630	AU20040299044	20041213
AU2004299044 BB	20081030	AU20040299044	20041213
AU2008234961 AA	20081113	AU20080234961	20081024
CA2550117 AA	20060609	CA20042550117	20041213
EP1694116 A2	20060830	EP20040813966	20041213
JP2007518404 T2	20070712	JP20060545780T	20041213
US2007292438 AA	20071220	US20040583466	20041213
US2012174239 AA	20120705	US20110317754	20111027
US8067664 BB	20111129	US20040583466	20041213
WO05058028 A2	20050630	WO2004US41721	20041213
WO05058028 A3	20060518	WO2004US41721	20041213
ZA200605822 A	20090527	ZA20060005822	20041213
ZA200801230 A	20090527	ZA20080001230	20080205
ZA200801231 A	20090527	ZA20080001231	20041213
ZA200801235 A	20090527	ZA20080001235	20060714

Priority:

US20030530043P 20031216 AU20040299044 20041213 WO2004US41721 20041213
US20040583466 20041213 US20070583466 20070905 AU20080234961 20081024
US20110317754 20111027

Probable Assignee: GENENTECH INC

Assignee(s): (std): ANDERSON STEPHEN ; ANDERSON STEPHEN J ; ANDERSON STEPHEN JAY ; BRENNAN JANE ; DE SAUVAGE FREDERIC J ; DESAUVAGE FREDERIC ; GENENTECH INC ; LEXICON GENETICS INC ; DING ZHIYONG ; EDWARDS JOEL ; FIKES NELDA ; HUANG WENHU ; OUYANG WENJUN ; FIKES NELDA A ; LEXICON PHARMACEUTICALS INC ; RANGEL CAROLINA ; SANGHA MAMTA ; SHI ZHENG ZHENG ; SPARKS MARY JEAN ; TRACKEY JOSEPH ; VETTER MELISSA ; WANG CHING YUN ; WOODINGS JESSICA ; SPARKS MARY J

Inventor(s): (std): ANDERSON STEPHEN ; BRENNAN JANE ; DESAUVAGE FREDERIC ; DING ZHIYONG ; EDWARDS JOEL ; FIKES NELDA ; HUANG WENHU ; OUYANG WENJUN ; RANGEL CAROLINA ; SANGHA MAMTA ; SHI ZHENG ZHENG ; SPARKS MARY JEAN ; TRACKEY JOSEPH ; VETTER MELISSA ; WANG CHING YUN ; WOODINGS JESSICA ; JOEL EDWARDS ; ZHIYONG DING ; JEAN SPARKS MARY ; WENHU NUANG ; MELISSA VETTER ; ZHENG ZHENG SHI ; MAMTA SANGHA ; CHING YUN WANG ; FREDERIC DESAUVAGE ; JOSEPH TRACKEY ; JANE BRENNAN ; WENJUN OUYANG ; STEPHEN ANDERSON ; NELDA FIKES ; CAROLINA RANGEL ; JESSICA WOODINGS ; ANDERSON STEPHEN J ; FIKES NELDA A ; SPARKS MARY J ; JANE BERNNAN ; NELDS FIKES ; ANDERSON STEPHEN JAY ; WENHU HUANG ; DE SAUVAGE FREDERIC J

Inventor(s): DE SAUVAGE FREDERIC ; SPARKS MARY ; FIKES NELDS ; NUANG WENHU ; BERNNAN JANE ; MARY JEAN SPARKS

Agent(s): GRIFFITH HACK; SMART AND BIGGAR; GENENTECH INC; BONNY; ARNOLD AND PORTER LLP; JAMES A

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG 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 NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

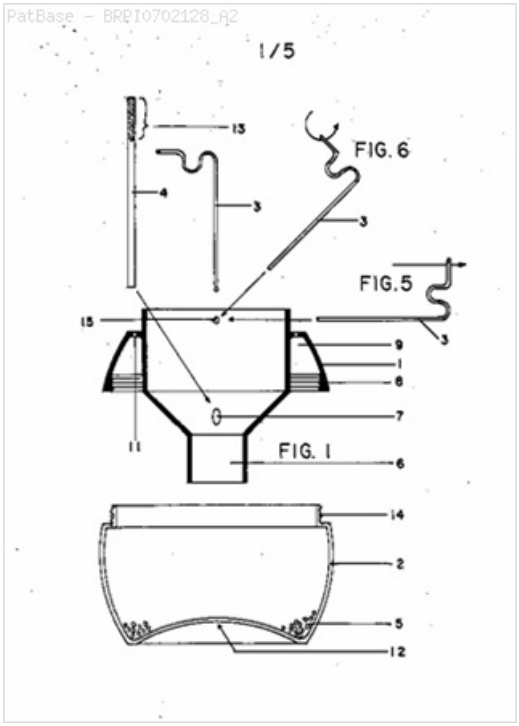
199) Family number: 43253469 (BRPI0702128A)

Title: RECIPIENTE ARMADILHA OVOPOSITOR PARA INSETOS DA FAMILIA CULICIDAE OVOPOSITOR TRAP CONTAINER OF THE INSECTS OF THE FAMILY CULICIDAE (Machine translation)

Abstract: Source: BRPI0702128A [PT] 1 f 3: -3 RESUMO RECIPIENTE ARMADILHA OVOPOSITOR PARA INSETOS DA FAMILIA CULICIDAE caracterizado por um reservatorio composto por cinco itens, cuja tampa (1) e tambem em um unico corpo o funil de dupla 5 estrangulacao, sendo o principal (6) para entrada das larvas e o funil secundario (7) para sustentar a haste de madeira (4) o conjunto tampa (1) e provido intemamente de rosca femea (8) para adaptacao ao bojo (2) que por suas vez e provido de rosca macho (14). O bojo e constituido de material claro e transparente contendo agua para o desenvolvimento das larvas, que 10 sobem constantemente para respirar, fazendo uso da entrada de luz proveniente dos orificios drenadores (11) inseridos na tampa (1). O mesmo bojo acondiciona os pedriscos (5) para decantacao de detritos. Todo o conjunto fica suspenso a um metro e meio do solo atraves da alca (3) instalada na borda superior da tampa. 15

Machine translation: 1 f 3: -3 SUMMARY CONTAINER FOR TRAP ovipositor INSECTS OF FAMILY CULICIDAE characterized by a reservoir consists of five items, which cover (1) and also in a single body double funnel 5 strangulation, the main (6) for input larvae and the secondary hopper (7) to support the wooden rod (4) the cover assembly (1) and provided intemamente of female thread (8) for adaptation to the bulge (2) for their time and provided with male thread (14). The bulge and consisting of clear and transparent material containing water for development of the larvae, 10 to rise steadily to breathe, making use of light input from the drainers holes (11) inserted in the lid (1). The same bulge put up the gravel (5) for separating debris. The entire assembly is suspended about a meter and a half through the alca soil (3) installed on the top edge of the cover. 15

Classifications:
International (IPC 8-9): A01M1/10 (Advanced/Invention); A01M1/00 (Core/Invention)
CPC: Y02A50/371



Family:

Publication number	Publication date	Application number	Application date
BRPI0702128 A2	20090217	BR2007PI02128	20070626

Priority:
BR2007PI02128 20070626

Probable Assignee: RISSATO DE ANDRADE ANDREY RISSATO
Assignee(s): (std): CARDOSO DE ANDRADE MARCOS ; RISSATO DE ANDRADE ANDREY RISSATO
Assignee(s): ANDREY RISSATO DE ANDRADE ; MARCOS CARDOSO DE ANDRADE
Inventor(s): (std): RISSATO DE ANDRADE ANDREY ; CARDOSO DE ANDRADE MARCOS
Inventor(s): ANDREY RISSATO DE ANDRADE ; MARCOS CARDOSO DE ANDRADE

200) Family number: 51241472 (US2012141353A)

Title: EFFERVESCENT COMPOSITION FOR IMPROVED CARBON DIOXIDE GENERATION IN INSECT MONITOR DEVICES

Abstract: The present invention relates to a chemical composition and method of generating carbon dioxide for use with an insect monitor and/or capture device comprising: i) an effervescent agent; ii) a solid acid; iii) a deliquescent agent; and optionally iv) an anti-clumping agent.
Classifications:
International (IPC 8-9): A01M A01M1/00 A01M1/02 A01M1/20 A01N A01N25/16 A01N59/04 A04N A04N25/16 C01B C01B31/20 C01B32/50 C01D7/00 C07C59/265 (Advanced/Invention); C01B31/20 (Core/Invention); A01M A01N C01B (Subclass/Invention)
CPC: A01N59/04 C01B32/50 A01M1/00
US: 252/183.11 252/183.12 252/183.13 252/4 252/5 423/419.1 423/437.1 423/437.100S 423/438 423/438P 43/107 43/122 43/123 510/116 510/117

Family:

Publication number	Publication date	Application number	Application date

AU2011337154 AA	20120607	AU20110337154	20111005
AU2011337154 BB	20130829	AU20110337154	20111005
BR112013013545 A2	20160712	BR20131113545	20111005
CA2819357 AA	20130529	CA20112819357	20111005
CA2819357 C	20140311	CA20112819357	20111005
CN103237452 A	20130807	CN201180058312	20111005
CN103237452 B	20140723	CN201180058312	20111005
DE602011035813 D1	20170420	DE201160035813T	20111005
DK2645861 T3	20170522	DK20110845004T	20111005
DK2645861 T5	20170626	DK20110845004T	20111005
EP2645861 A1	20131009	EP20110845004	20111005
EP2645861 A4	20140305	EP20110845004	20111005
EP2645861 B1	20170308	EP20110845004	20111005
EP2645861 B8	20170809	EP20110845004	20111005
ES2624678 T3	20170717	ES20110845004T	20111005
HK1186062 A1	20140307	HK20130113507	20131204
HK1186062 A1	20150717	HK20130113507	20131204
HK1186062 B	20150717	HK20130113507	20131204
IN04114CN2013 A	20140905	IN2013CN04114	20130528
IN304991 B	20181228	IN2013CN04114	20130528
JP2013545477 T2	20131226	JP20130541989T	20111005
JP5990184 B2	20160907	JP20130541989T	20111005
KR101353177 B1	20140117	KR20137016874	20111005
KR20130086261 A	20130731	KR20137016874	20111005
MX2013006249 A1	20130729	MX20130006249	20111005
MY163196 A	20170815	MY20130700915	20111005
NZ611208 A	20140530	NZ20110611208	20111005
PL2645861 T3	20170831	PL20110845004T	20111005
PT2645861 T	20170602	PT20110845004T	20111005
SG190855 A1	20130731	SG20130039326	20111005
TH130470 A	20131225	TH20131002968	20111005
TR201708208 T4	20170721	TR20170008208T	20111005
US2012141353 AA	20120607	US20110253136	20111005
US8475759 BB	20130702	US20110253136	20111005
WO12074603 A1	20120607	WO2011US54848	20111005

Priority:

US20100458935P 20101203 EP20110845004 20111005 US20110253136 20111005 WO2011US54848 20111005

Probable Assignee: FMC CORP

Assignee(s): (std): BLACK BRUCE C ; FMC CORP ; SHETH SHREYA ; VARANYAK LINDA

Assignee(s): FMC PHILADELPHIA CORP

Inventor(s): (std): BLACK BRUCE C ; SHETH SHREYA ; VARANYAK LINDA ; LINDA VARANYAK ; SHREYA SHETH ; BRUCE C BLACK ; BLACK BRUCE C BC ; SHETH SHREYA S ; VARANYAK LINDA L ; BLACK BRUCE ; VARANYAK LINDA A

Inventor(s): BLACK BRUCE C YARDLEY ; VARANYAK LINDA MERCERVILLE ; C BRUCE BLACK

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; SMART AND BIGGAR; MURGITROYD AND CO; EARNSHAW GEOFFREY MARK; O BRIEN LISA; DE ELZABURU ALBERTO; SHANGHAI INTELLECTUAL PROPERTY OFFICE; ZEHRA YILDIRIM; FMC CORP; BOLAND KEVIN J 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 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 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

201) Family number: 46842472 (US2011044936A)

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Title: COMPOSITION FOR ATTRACTING BED BUGS

Abstract: The present invention provides a composition comprising an unsaturated aldehyde component and an organic acid component which is a powerful bed bug attractant when volatilized and released at very low concentrations. This attractant can be used to lure bed bugs to a location in which the bed bugs can be detected, monitored and/or trapped.

Classifications:
International (IPC 8-9): A01M A01M1/20 A01N A01N31/00 A01N35/02 A01N35/04 A01N37/02 A01N59/04 A01P19/00 (Advanced/Invention);
A01M1/20 A01N31/00 (Core/Invention)
CPC: A01N35/02 A01N37/02
European: A01N35/02 A01N37/02
US: 424/84 424/84P

Family:

Publication number	Publication date	Application number	Application date
AU2010224146 AA	20100916	AU20100224146	20100311
CA2753926 AA	20100916	CA20102753926	20100311
EP2405746 A2	20120118	EP20100751399	20100311
EP2405746 A4	20130213	EP20100751399	20100311
HK1160726 A1	20120817	HK20120101309	20120209
JP2012520315 T2	20120906	JP20110554188T	20100311
KR20110132352 A	20111207	KR20117020356	20100311
MX2011009511 A1	20110928	MX20110009511	20100311

SG173862 A1	20110929	SG20110061629	20100311
US2011044936 AA	20110224	US20100811526	20100311
WO10105029 A2	20100916	WO2010US26938	20100311
WO10105029 A3	20110113	WO2010US26938	20100311

Priority:

US20090210106P 20090313 US20100811526 20100311 WO2010US26938 20100311

Probable Assignee: FMC CORP

Assignee(s): (std): BLACK BRUCE C ; FMC CORP ; SHAH SHREYA J ; ZAWACKI FRANK J ; VARANYAK LINDA

Assignee(s): SHETH SHREYA

Inventor(s): (std): ZAWACKI FRANK J ; BLACK BRUCE C ; SHAH SHREYA J ; VARANYAK LINDA ; SHETH SHREYA ; LINDA VARANYAK ; SHREYA SHETH

Inventor(s): FRANK J ZAWACKI ; BRUCE C BLACK

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; SMART AND BIGGAR; EARNSHAW GEOFFREY MARK; DEACONS; PATENT ADMINISTRATOR FMC CORP; BOLAND KEVIN J 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 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 PE PG PH PL PT RO RS RU 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

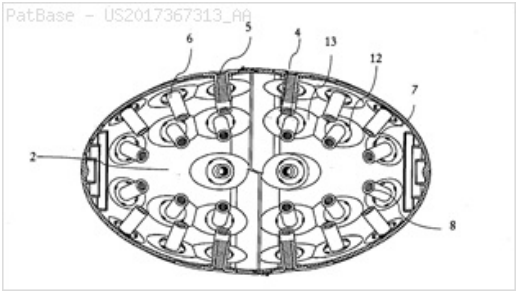
202) Family number: 62741474 (US2017367313A)

© PatBase

Title: CRAWLING INSECT TRAP

Abstract: The present invention relates to an insect trap (**1**) including a hollow body (**2**) formed by two elements interlocking each other, the outer surface (**3**) of said hollow body (**2**) is pierced by a plurality of openings (**4**), each opening (**4**) extending into a tunnel (**7**) facing the inside of the hollow body (**2**), characterized in that removable tunnel elements (**11**) are inserted at the surface (**3**) of said hollow body (**2**) via the upper portion (**13**) of same, wherein said upper portion fits with the insert hole made directly in the hollow body (**2**). Said tunnel elements (**11**) comprises a lower portion that corresponds to the tunnel (**7**) and the inner diameter and the length of which can be adapted to the dimensions of the target insect in such a way that they force said insect located therein to move in one direction toward the inside of the hollow body (**2**) but do not allow said insect to turn around by pivoting on itself.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention)
CPC: A01M1/02 A01M2200/011 A01M1/103



Family:

Publication number	Publication date	Application number	Application date
BR112017013222 A2	20180206	BR20171113222	20151223
CA2969283 AA	20170530	CA20152969283	20151223
CL2017001636 A1	20180413	CL20170001636	20170620
CO20170005969 A2	20170831	CO20170005969	20170616
DE602015016352 D1	20181011	DE201560016352T	20151223
EP3236747 A1	20171101	EP20150823613	20151223
EP3236747 B1	20180912	EP20150823613	20151223
FR3030189 A1	20160624	FR20140002998	20141223
FR3030189 B1	20170922	FR20140002998	20141223
MX2017008220 A1	20171018	MX20170008220	20151223
US2017367313 AA	20171228	US20150538736	20151223
WO16102787 A1	20160630	WO2015FR00240	20151223

Priority:

FR20140002998 20141223 EP20150823613 20151223 WO2015FR00240 20151223

Probable Assignee: AB7 INNOVATION

Assignee(s): (std): AB7 INNOVATION ; AB7 INNOVATION S A S U ; OVALIE INNOVATION S A S ; OVALIE INNOVATION

Assignee(s): OVALIE INNOVATION SAS ; HIREL SEBASTIEN ; HARRACA VINCENT ; BUSUTTIL ANNE MARIE ; VERONESE THIERRY ; CHELLE RENE ; VILBERT ARNAUD ; AB7 INNOVATION SASU ; BALLAS STEPHANE

Inventor(s): (std): RENE CHELLE ; VINCENT HARRACA ; ANNE MARIE BUSUTTIL ; STEPHANE BALLAS ; ARNAUD VILBERT ; THIERRY VERONESE ; SEBASTIEN HIREL ; HIREL SEBASTIEN ; BALLAS STEPHANE ; BUSUTTIL ANNE MARIE ; CHELLE RENE ; VILBERT ARNAUD ; VERONESE THIERRY ; HARRACA VINCENT

Inventor(s): CHELLE ; RENE ; HARRACA ; VINCENT ; VILBERT ; ARNAUD ; BALLAS ; STEPHANE ; HIREL ; SEBASTIEN ; VERONESE ; THIERRY ; BUSUTTIL ; ANNE MARIE

Agent(s): BENOIT AND COTE INC; IGNACIO MARTINEZ CORNEJO; MARGARITA CASTELLANOS ABONDANO; AB7 INNOVATION; CHELLE RENE

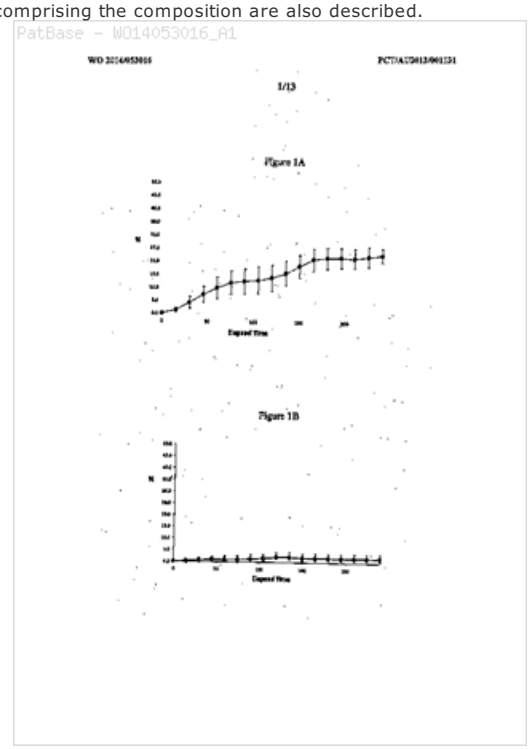
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203) Family number: 56199476 (WO14053016A1)

Title: FRUIT FLY OLFACTORY ATTRACTANT COMPOSITION AND USE THEREOF

Abstract: The present invention relates to an olfactory attractant composition for fruit flies and its use in methods of attracting fruit flies, controlling fruit flies and monitoring for the presence of fruit flies. In particular, the olfactory attractant composition comprises at least two lower alkyl esters of the formula C1-4alkylC(O)OC1-4alkyl. Dispensing devices for dispensing the composition and an apparatus for trapping fruit flies comprising the composition are also described.

Classifications:
International (IPC 8-9): A01N25/00 A01N37/00 A01N37/02 A01P19/00 (Advanced/Invention); A01N25/00 (Core/Invention)
CPC: A01N37/02



Family:

Publication number	Publication date	Application number	Application date
AU2013327395 AA	20140410	AU20130327395	20131003
AU2013327395 BB	20161027	AU20130327395	20131003
AU2017200488 AA	20170216	AU20170200488	20170125
AU2017200488 BB	20180830	AU20170200488	20170125
ID201700391 A	20170127	ID2015P0002634	20131003
NZ630903 A	20160527	NZ20130630903	20131003
NZ720103 A	20171124	NZ20130720103	20131003
TH157430 A	20161107	TH20151001849	20131003
WO14053016 A1	20140410	WO2013AU01131	20131003

Priority:

AU20120904336 20121003 AU20130327395 20131003 WO2013AU01131 20131003
NZ20130630903 20131003 AU20170200488 20170125

Probable Assignee: UNIV GRIFFITH

Assignee(s): (std): UNIV GRIFFITH

Assignee(s): GRIFFITH UNIV

Inventor(s): (std): DREW RICHARD ; HALCOOP PETER ; RODGERS DENIS ; ROMIG MEREDITH

Inventor(s): EW RICHARD

Agent(s): DAVIES COLLISON CAVE; GRIFFITH HACK; ANNISA AM BADAR SH LLM; MORRIS KATHRYN 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 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

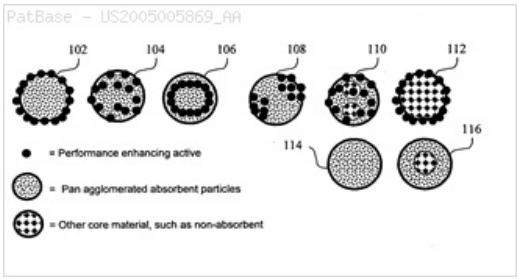
204) Family number: 31459476 (US2005005869A)

Title: COMPOSITE ABSORBENT PARTICLES

Abstract: Composite particles and methods for making the same. An absorbent material is formed into a particle. An optional performance-enhancing active is coupled to the absorbent material before, during, or after the particle-forming process, homogeneously and/or in layers. Additionally, the composite absorbent particle may include a core material. Preferred methods for creating the absorbent particles include a pan agglomeration process, a high shear agglomeration process, a low shear agglomeration process, a high pressure agglomeration process, a low pressure agglomeration process, a rotary drum agglomeration process, a mix muller process, a roll press compaction process, a pin mixer process, a batch tumble blending mixer process, an extrusion process, and a fluid bed process.

Classifications:
International (IPC 8-9): A01K1/01 A01K1/015 A01K29/00 A61L9/01 A61L9/014 B01J2/04 B01J20/00 B01J20/02 B01J20/08 B01J20/10 B01J20/12 B01J20/20 B01J20/28 B01J20/30 B01J20/32 B29B9/00 B29B9/08 B29C67/02 B32B5/18 (Advanced/Invention); A01K1/015 A01K29/00 A61L9/01 B01J20/02 B01J20/06 B01J20/10

B01J20/20 B01J20/30 B29B9/00 B29C67/02
B32B5/18 (Core/Invention)
International (IPC 1-7): A01K29/00 A61L9/01
CPC: B01J20/26 B01J2220/46 B01J2220/68 B01D39/02
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A01N25/12 B01J2220/44 B01J20/28057 B01J20/3021 B01J20/305
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B01J20/103 A01K1/0152 A01K1/0155 A61L9/014 B01J20/08
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European: A01K1/015B A01K1/015B2 A01K1/015B4 A01N25/12
A61L9/014 B01D39/02 B01J20/02 B01J20/08 B01J20/10 B01J20/10B B01J20/12 B01J20/16B B01J20/18 B01J20/20
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L01J220/46 L01J220/68
US: 1/1 119/171 119/171S 119/173 119/173S 23/313.00R 23/313R 264/117 264/117S 264/6 264/6S 424/76.1 424/76.100P
428/402 428/402P 502/400 502/439 502/80



Family:

Publication number	Publication date	Application number	Application date
CA2588492 AA	20071216	CA20072588492	20070510
CA2607676 AA	20080501	CA20072607676	20071025
CA2607750 AA	20080501	CA20072607750	20071025
CA2607750 C	20140610	CA20072607750	20071025
CA2607753 AA	20080501	CA20072607753	20071025
CA2607758 AA	20080501	CA20072607758	20071025
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US2005005870 AA	20050113	US20040861044	20040604
US2005175577 AA	20050811	US20040773585	20040206
US2007289543 AA	20071220	US20070745163	20070507
US2008022940 AA	20080131	US20070871778	20071012
US2008029039 AA	20080207	US20070871427	20071012
US2008184939 AA	20080807	US20080032450	20080215
US2008251027 AA	20081016	US20070871814	20071012
US2008308045 AA	20081218	US20070870967	20071011
US2009007852 AA	20090108	US20070929018	20071030
US2009217882 AA	20090903	US20090467183	20090515
US2010136336 AA	20100603	US20070872182	20071015
US2013139760 AA	20130606	US20130758030	20130204
US2016113231 AA	20160428	US20150985180	20151230
US2016150757 AA	20160602	US20160018645	20160208
US2017013798 AA	20170119	US20160281620	20160930
US2017339913 AA	20171130	US20170628489	20170620
US2017339914 AA	20171130	US20170634850	20170627
US7964529 BB	20110621	US20070872182	20071015
US9253961 BB	20160209	US20130758030	20130204
US9283540 BB	20160315	US20070870967	20071011
US9648845 BB	20170516	US20150985180	20151230
US9861071 BB	20180109	US20170628489	20170620
WO05120221 A2	20051222	WO2004US23660	20040720
WO05120221 A3	20070518	WO2004US23660	20040720

Priority:

US20030618401 20030711 US20040773585 20040206 US20040861044 20040604
US20060805007P 20060616 US20060863907P 20061101 US20060863894P 20061101
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Probable Assignee: CLOROX CO

Assignee(s): (std): CLOROX CO ; FRITTER CHARLES ; KIRSCH BRADLEY ; JENKINS DENNIS ; LESTAGE DAVID ; PRIVITERA MARC ; LEE ROGER ; MUDDANA SMITA ; FRITTER CHARLES F ; BLONDEAU SARAH P ; BORGESE CHRISTINA ; OCHYLSKI RYAN M ; STRACK DAVID ; RINKER EDWARD ; TIPPIT KRISTINE ; WALKER AMANDA ; WALLIS KEVIN P ; SHENOY ANANTH N

Assignee(s): THE CLOROX COMPANY ; BORGESE CHRISTINA M ; PRIVITERA MARC P ; KIRSCH BRADLEY L ; PETSKA KIMBERLY A ; LEE ROGER V

Inventor(s): (std): FRITTER CHARLES F ; SHENOY ANANTH N ; WALLIS KEVIN P ; BLONDEAU SARAH P ; OCHYLSKI RYAN M ; JENKINS DENNIS ; FRITTER CHARLES ; JENKINS DENNIS B ; WHEELER DANIEL E ; DELEEUW DAVID L ; RINKER EDWARD ; LEE ROGER ; MUDDANA SMITA ; WALKER AMANDA ; BORGESE CHRISTINA ; TIPPIT KRISTINE ; PRIVITERA MARC ; STRACK DAVID ; LESTAGE DAVID ; KIRSCH BRADLEY ; PETSKA KIMBERLY ; LEE ROGER V ; KIRSCH BRADLEY L ; BORGESE CHRISTINA M ; PRIVITERA MARC P ; PETSKA KIMBERLY A ; FRITTTER CHARLES F

Inventor(s): OCHYLSKI RYAN ; SHENOY ANANTH ; WALLIS KEVIN ; BLONDEAU SARAH ; WHEELER DANIEL ; DELEEUW DAVID

Agent(s): RICHES MCKENZIE AND HERBERT LLP; CLOROX CO; JOEL J HAYASHIDA CORPORATE PATENT COUNSEL; THE CLOROX COMPANY; MICHAEL J MAZZA ESQ CLOROX CO; JOEL J HAYASHIDA ESQ CLOROX CO; ANN

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG 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 NA NE NI NL NO NZ OM PG

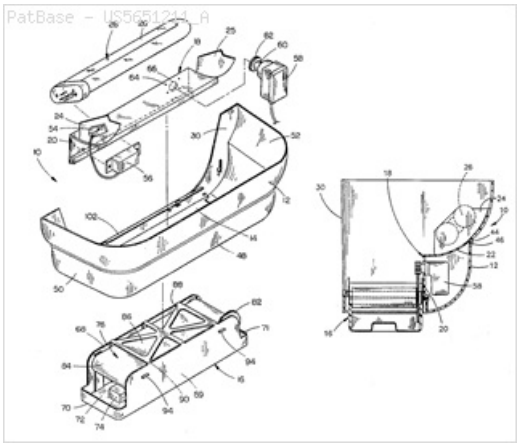
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205) Family number: 13159479 (US5651211A)

Title: Wall mounted trap for flies and insects

Abstract: A wall mounted trap for flies and other flying insects includes an open topped cover shell concealing within a light source and a replaceable cartridge of trapping material. The light source is spaced substantially outwardly from the wall surface on which the trap is mounted and is situated adjacent the upper edge of the cover shell for radiating substantial light onto the wall surface directly above the trap. Likewise, a portion of the interior surface of the trap is of a shape and position relative to the light source for concentrating light from the source onto a wall surface immediately adjacent and above the trap. The replaceable cartridge includes a strip of trapping material arranged in a dispensing roll and adapted to be advanced therefrom to a take-up roller for presenting an upwardly facing exposed length of trapping material therebetween. The trapping material is housed within an open topped container for thorough collection of insects and sanitary handling of the used cartridges.

Classifications:
International (IPC 8-9): A01M1/04 A01M1/14 (Advanced/Invention); A01M1/04 (Advanced/Non-invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/04 A01M1/14 A01M1/16
CPC: A01M1/145 A01M2200/012
European: A01M1/04 A01M1/14 A01M1/14B K01M200/012 K01M201/02
US: 43/113 43/114 43/116 431/130



Family:

Publication number	Publication date	Application number	Application date
JP9098702 A2	19970415	JP19960117283	19960513
KR19960040147 A	19961217	KR19960015736	19960513
KR960040147 A	19961217	KR19960015736	19960513
US5651211 A	19970729	US19950439848	19950512

Priority:
US19950439848 19950512

Probable Assignee: PARACLIPSE SYSTEMS LLC

Assignee(s): (std): PARAKURIPUSU INC

Assignee(s): REGAN HAROLD R ; SINCLAIR KEVIN D ; PARACLIPSE INC ; PARACLIPSE SYSTEMS LLC

Inventor(s): (std): HARORUDO AARU REEGAN ; KEBUIN DEII SHINKUREAA ; REGAN HAROLD R ; SINCLAIR KEVIN D

206) Family number: 11705481 (WO9719598A1)

Title: METHOD FOR CONTROLLING AMMONIA, ARTHROPOD INFESTATION AND REDUCING ANIMAL STRESS IN CONFINED ROOM ANIMAL HUSBANDRY

Abstract: The present invention relates to a method of treating an ammonia- and/or arthropod population-containing environment comprising applying to a surface or substrate in contact with the environment a non-toxic, thiosulfate-salt-containing composition in an amount effective to reduce ammonia and/or the arthropod population, to thiosulfate-containing compositions and to animal litter containing said compositions.

Classifications:
International (IPC 8-9): A01K1/015 A01N41/08 A01N59/02 A61L9/01 A62D3/00 A62D3/02 (Advanced/Invention); A01K1/015 A01N41/00 A01N59/02 A61L9/01 A62D3/00 (Core/Invention)
International (IPC 1-7): A01K01/015 A01K1/015 A01N41/08 A01N59/02 A61L09/01 A61L9/01 A62D03/00 A62D3/00
CPC: A01K1/015 A01N59/02 A61L9/01
European: A01K1/015 A01N59/02 A61L9/01 A62D3/00 A62D3/00E1 A62D3/00F

Family:

Publication number	Publication date	Application number	Application date
BRPI9606813 A	19971230	BR1996PI06813	19961129
CA2211977 AA	19970730	CA19962211977	19961129
CN1195969 A	19981014	CN19961092832	19961129
EP0806896 A1	19971119	EP19960942283	19961129
JP10513482 T2	19981222	JP19970520184T	19961129
MX9705720 A1	19971129	MX19970005720	19961129
WO9719598 A1	19970605	WO1996EP05307	19961129

Priority:
US19950565491 19951130 WO1996EP05307 19961129

Probable Assignee: CLARIANT FINANCE BVI LTD

Assignee(s): (std): CLARIANT FINANCE BVI LTD

Assignee(s): CLARIANT FINANCE LTD ; STRALEY JOSEPH PAIGE ; WILSON DAVID LEE ; ARCHER WILLIAM MOSELEY III ; CLARIANT FINANCE BVI LIMITED

Inventor(s): (std): ARCHER W M III ; ARCHER WILLIAM MOSELEY ; ARCHER WILLIAM MOSELEY III ; STRALEY J P ; STRALEY JOSEPH PAIGE ; WILSON D L ; WILSON DAVID LEE

Inventor(s): W M ARCHER III ; WILLIAM MOSELEY ARCHER ; WILLIAM MOSELEY ARCHER III ; D L WILSON ; DAVID LEE WILSON ; J P STRALEY ; JOSEPH PAIGE STRALEY

Agent(s): KIRBY EADES GALE BAKER

Designated states: AT BE BR CA CH CN DE DK ES FI FR GB GR IE IT JP LI LU MC MX NL PL PT RU SE TR

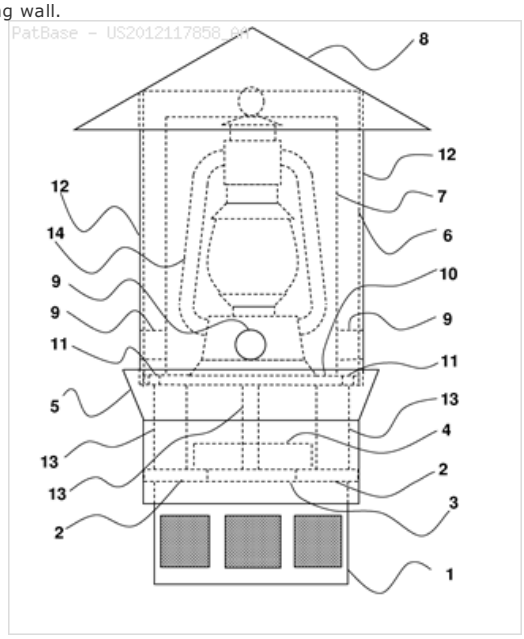
207) Family number: 51098482 (US2012117858A)

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Title: MOSQUITO TRAPPING EQUIPMENT UTILIZING HER HABIT AND GRAVITATIONAL FORCE

Abstract: The invented equipment attracts mosquitoes in long distance by carbon dioxide which is created by combustion of kerosene and in short distance by temperature of a landing wall which is warmed up by exhaust gas of the combustion, utilizes not only intake air flow and habit of the mosquitoes to bite but also gravitational force, then effectively and economically traps the mosquitoes which land on the mosquito landing wall.

Classifications:
International (IPC 8-9): A01M1/00 A01M1/02 A01M1/10 A01M5/00 (Advanced/Invention)
CPC: A01M1/06 A01M1/023
European: A01M1/02C A01M1/06
US: 43/107 43/107S 43/122 43/139 43/139P 43/144



Family:

Publication number	Publication date	Application number	Application date
CN102461491 A	20120523	CN201110062439	20110311
CN102461491 B	20141203	CN201110062439	20110311
JP2012105563 A2	20120607	JP20100255441	20101116
JP5807736 B2	20151110	JP20100255441	20101116
US2012117858 AA	20120517	US20100953016	20101123
US8381431 BB	20130226	US20100953016	20101123

Priority:

JP20100255441 20101116

Probable Assignee: YOSHIYUKI ISHII

Assignee(s): (std): ISHII YOSHIYUKI ; ISHII YOSHIYUKI ISHII ; YOSHIYUKI ISHII

Inventor(s): (std): ISHII YOSHIYUKI ; ISHII YOSHIYUKI ISHII ; YOSHIYUKI ISHII

208) Family number: 50642484 (US2012107428A)

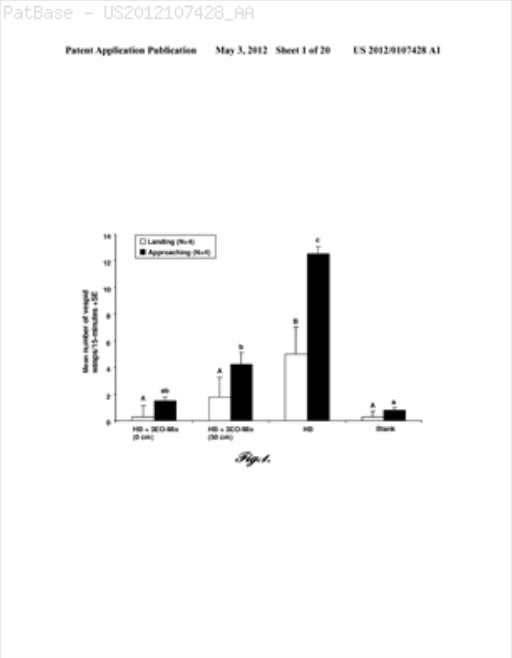
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Title: REPELLENTS FOR PESTIFEROUS SOCIAL WASPS

Abstract: Provided herein are essential oils and synthetic compounds, and combinations thereof, as repellent compositions for repelling insects, such as vespid social wasps (Vespidae), including yellowjackets, paper wasps, and hornets. Controlled release devices comprising these repellent compositions are also provided.

Classifications:
International (IPC 8-9): A01M A01M1/02 A01M1/20 A01M29/00 A01M29/12 A01N A01N27/00 A01N31/02 A01N31/16 A01N35/06 A01N37/06 A01N37/10 A01N37/40 A01N65/00 A01N65/08 A01N65/10 A01N65/12 A01N65/22 A01N65/28 A01N65/44 A01P A01P17/00 A61L9/04 B65B3/02 (Advanced/Invention)
CPC: A01N27/00 A01N37/06 A01M1/02 A01M1/2044 A01M1/2055 A01M29/12 Y02A50/337 Y02A50/34 Y02A50/344 A01N65/00 A01N25/006 A01N25/34 A01N31/02 A01N31/16 A01N35/06 A01N37/02 A01N37/10 A01N43/16 A01N49/00 A01N65/08 A01N65/10 A01N65/12 A01N65/16 A01N65/22 A01N65/28 A01N65/44
European: A01M1/02 A01M1/20C2L A01M1/20C2S A01M29/12 A01N31/02 A01N31/16 A01N35/06 A01N37/02 A01N37/10 A01N43/16 A01N49/00 A01N65/00 A01N65/08 A01N65/10 A01N65/12 A01N65/16 A01N65/22 A01N65/28 A01N65/44
US: 239/58 239/6 424/725 424/725S 424/742 424/742P 424/745 424/745S 424/746 424/746S 424/748 424/748S 424/750 424/750S 424/764 424/764S 424/769 424/769S 424/776 424/776S 514/159

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Family:

Publication number	Publication date	Application number	Application date
AU2011289502 AA	20120216	AU20110289502	20110809
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AU2012245278 AA	20121026	AU20120245278	20120420
CA2806869 AA	20130128	CA20112806869	20110809
CA2833370 AA	20131016	CA20122833370	20120420
CN103596425 A	20140219	CN201280026825	20120420
EP2603087 A2	20130619	EP20110816931	20110809
EP2603087 A4	20140910	EP20110816931	20110809
EP2699084 A2	20140226	EP20120774067	20120420
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HK1186065 A1	20140307	HK20130113664	20131209
HK1190873 A1	20140718	HK20140104092	20140429
JP2014512189 T2	20140522	JP20140506578T	20120420
KR20140024392 A	20140228	KR20137030622	20120420
US2012107428 AA	20120503	US20110206244	20110809
US2012270944 AA	20121025	US20120457149	20120426
US2012280055 AA	20121108	US20120452744	20120420
WO12021531 A2	20120216	WO2011US47105	20110809
WO12021531 A3	20120802	WO2011US47105	20110809
WO12021531 A9	20131010	WO2011US47105	20110809
WO12145642 A2	20121026	WO2012US34474	20120420
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WO12151110 A2	20121108	WO2012US35258	20120426
WO12151110 A3	20130228	WO2012US35258	20120426

Priority:

US20100372338P 20100810 US20110477521P 20110420 US20110482023P 20110503
US20110206244 20110809 WO2011US47105 20110809 US20120622863P 20120411
US20120452744 20120420 WO2012US34474 20120420 US20120457149 20120426

Probable Assignee: STERLING INT INC

Assignee(s): (std): HOOVER DOREEN R ; SCHNEIDMILLER RODNEY G ; STERLING INT INC ; STERLING INTERNAT INC ; ZHANG QING HE

Assignee(s): STERLING INTERNATIONAL INC

Inventor(s): (std): SCHNEIDMILLER RODNEY G ; ZHANG QING HE ; HOOVER DOREEN R ; ZHANG QINGHE

Agent(s): FB RICE; FB RICE PTY LTD; LAMBERT INTELLECTUAL PROPERTY LAW; TRANTER ANDREW DAVID; WENPING AND CO; CLT PATENT AND TRADEMARK HK LTD; KALE TAMARA A; DODGE RYAN E JR; CRUZ LAURA A

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 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 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

209) Family number: 68729484 (WO18037265A1)

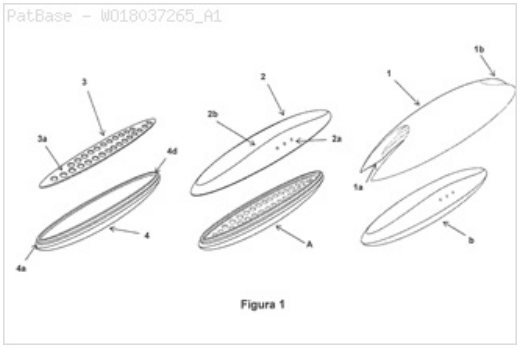
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Title: BIOLOGICAL PEST CONTROL DEVICE

Abstract: The invention relates to a biological pest control device comprising a cover (1) coupled above a capsule (b) containing beneficial insects or substances that assist in pest control, with a cavity (C) being defined between the cover (1) and the outer upper surface of the capsule (b), which cavity can house an element used to hang the biological control device. The device is suitable for use in agricultural and/or forest production and it can be supported on the branch of a tree or on an existing natural or artificial linear support. The proposed structure allows the device to be firmly secured to the support, with

a lower centre of gravity, thereby protecting the beneficial insects or substances contained therein from rain and wind of any speed and from any direction.

Classifications:
International (IPC 8-9): A01K67/033 A01M1/00 A01M1/02 A01M1/10 A01M1/20 A01N25/00 (Advanced/Invention)
International (IPC 1-7): A01K67/033 A01M1/02 A01M1/10 A01M1/20
CPC: A01K67/033 A01M1/106 A01M1/2016 A01M29/06 A01M29/12



Family:

Publication number	Publication date	Application number	Application date
AR109430 AA	20181128	AR2017P102372	20170825
BR112019003573 A2	20190521	BR20191103573	20160826
UY37373 A1	20180323	UY20170037373	20170824
WO18037265 A1	20180301	WO2016IB55105	20160826

Priority:

WO2016IB55105 20160826

Probable Assignee: VICTOR ALEJANDRO MACADAR ANGIER

Assignee(s): (std)**:** MACADAR ANGIER VICTOR ALEJANDRO ; VICTOR ALEJANDRO MACADAR ANGIER

Inventor(s): (std)**:** MACADAR ANGIER VICTOR ALEJANDRO ; VICTOR ALEJANDRO MACADAR ANGIER ; MACADAR ANGIER VCTOR ALEJANDRO

Agent(s): DURAN MOYA CARLOS 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

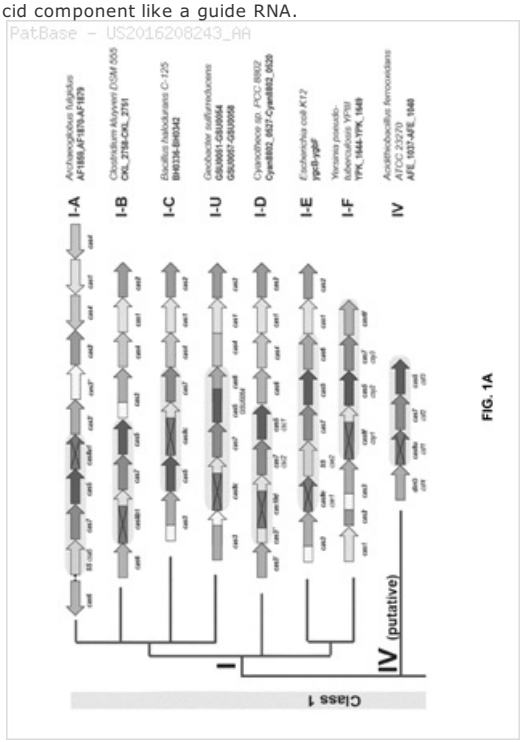
210) Family number: 62128495 (US2016208243A)

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Title: NOVEL CRISPR ENZYMES AND SYSTEMS

Abstract: The invention provides for systems, methods, and compositions for targeting nucleic acids. In particular, the invention provides non-naturally occurring or engineered DNA or RNA-targeting systems comprising a novel DNA or RNA-targeting CRISPR effector protein and at least one targeting nucleic acid component like a guide RNA.

Classifications:
International (IPC 8-9): A01H1/00 A01H5/00 A01K67/027 C12N C12N1/15 C12N1/19 C12N1/21 C12N15/09 C12N15/10 C12N15/11 C12N15/113 C12N15/55 C12N15/82 C12N15/85 C12N15/861 C12N15/867 C12N15/90 C12N5/10 C12N9/22 C12Q1/04 C12Q1/68 C12Q1/6832 (Advanced/Invention);
C12N15/09 C12N15/52 C12N15/63 C12N15/79 C12N15/87 C12N15/88 C12N5/10 C12N5/14 C12N5/16 C12N5/22 (Advanced/Non-invention);
C12N (Subclass/Invention)
CPC: C12N15/8201 C12N9/22 C12N15/10 C12N15/102 C12N15/111 C12N2310/10 C12N2310/16 C12N2310/20 C12N2310/3519 C12N15/11 C12N15/85 C12N15/113 C12N15/82 C12Q1/6832 C12N2800/80 C12Q1/6816 C12N15/902
US: 800/278



Family:

Publication number	Publication date	Application number	Application date
AR105066 AA	20170906	AR2016P101833	20160621
AU2016278990 AA	20180118	AU20160278990	20160617
BR112017027226 A2	20180821	BR20171127226	20160617
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CN108513582 A	20180907	CN201680035959	20160617

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EP3009511 A3	20160629	EP20160150428	20160107
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EP3310917 A1	20180425	EP20160734803	20160617
EP3470519 A1	20190417	EP20180186003	20160617
ES2646140 T3	20171212	ES20160150428T	20160107
HK1220726 A1	20170512	HK20160108795	20160721
HK1220726 B	20180406	HK20160108795	20160721
HK1253001 A1	20190606	HK20180112364	20180926
IL256369 A0	20180228	IL20160256369	20160617
IN201817001885 A	20180413	IN201817001885	20180117
JP2018518183 T2	20180712	JP20170565284T	20160617
KR20180034402 A	20180404	KR20187001680	20160617
MX2017016688 A1	20181211	MX20170016688	20160617
TW201716572 A	20170516	TW20160119294	20160620
US2016208243 AA	20160721	US20150975085	20151218
US2018155716 AA	20180607	US20170783770	20171013
US2019071717 AA	20190307	US20170844608	20171217
US9790490 BB	20171017	US20150975085	20151218
WO16205711 A1	20161222	WO2016US38181	20160617
ZA201708499 A	20181031	ZA20170008499	20171214

Priority:

US20150181739P	20150618	US20150193507P	20150716	US20150201542P	20150805
US20150205733P	20150816	US20150232067P	20150924	US20150975085	20151218
EP20160150428	20160107	CN201680035959	20160617	EP20160734803	20160617
WO2016US38181	20160617	US20170783770	20171013	US20170844608	20171217

Probable Assignee: PRESIDENT AND FELLOWS OF HARVARD COLLEGE

Assignee(s): (std): ABUDAYYEH OMAR O ; ASSOCIATION PRESIDENT AND RESEARCH FELLOW AT HARVARD UNIV ; BERND ZETSCHE ; BROAD INST INC ; MASSACHUSETTS INST OF TECH ; FENG ZHANG ; IAN SLAYMAKER ; JONATHAN S GOOTENBERG ; PRESIDENT AND FELLOWS OF HARVARD COLLEGE ; MASSACHUSETTS INST TECHNOLOGY ; ZETSCHE BERND ; SLAYMAKER IAN ; ZHANG FENG ; HARVARD COLLEGE ; GOOTENBERG JONATHAN S ; OMAR O ABUDAYYEH

Assignee(s): NATIONAL INSTITUTES OF HEALTH NIH US DEPT OF HEALTH AND HUMAN SERVICES DHHS US GOVERNMENT ; BROAD INST INC CAMBRIDGE ; PRESIDENT AND FELLOWS OF HARVARD COLLEGE CAMBRIDGE ; MASSACHUSETTS INST OF TECHNOLOGY CAMBRIDGE ; MASSACHUSETTS INSTITUDE OF TECHNOLOGY ; PRESIDENTS AND FELLOWS OF HARVARD COLLEGE ; MASSACHUSETTS INST OF TECHNOLOGY

Inventor(s): (std): JONATHAN S GOOTENBERG ; OMAR O ABUDAYYEH ; BERND ZETSCHE ; FENG ZHANG ; IAN SLAYMAKER ; JONATHAN GOOTENBERG ; GOOTENBERG JONATHAN S ; ABUDAYYEH OMAR O ; SLAYMAKER IAN ; ABUDAYYEH OMAR ; ZHANG FENG ; ZETSCHE BERND ; GOOTENBERG JONATHAN

Inventor(s): SLAYMAKER IAN CAMBRIDGE ; ZETSCHE BERND GLOUCESTER ; ABUDAYYEH OMAR BOSTON ; GOOTENBERG JONATHAN CAMBRIDGE ; ZHANG FENG CAMBRIDGE

Agent(s): FPA PATENT ATTORNEYS PTY LTD; MBM INTELLECTUAL PROPERTY LAW LLP; PAEMEN LIESBET RJ; DE CLERCQ AND PARTNERS; LEHMANN MARIA ISABEL; VIVIEN CHAN AND CO; THOMAS J; VEDDER PRICE PC; DEBORAH L; KOWALSKI THOMAS J 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

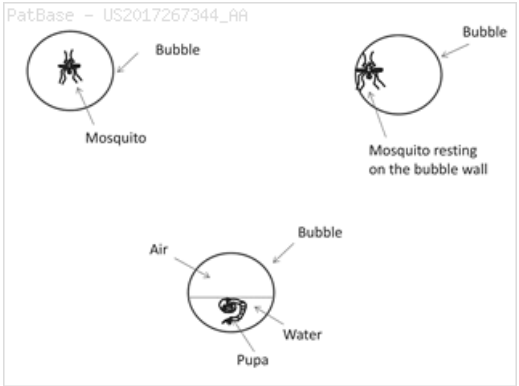
211) Family number: 62569498 (US2017267344A)

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Title: METHOD FOR ENCAPSULATION AND RELEASE OF FRAGILE INSECTS

Abstract: A method of distributing fragile insects in a distribution involving a wind shear, comprises, encapsulating the insects into a bubble and then releasing the bubble into the wind shear so that the bubble protects the insect from the wind shear. The insect may be inserted before or after formation of the bubble at any stage of the insect life cycle and the bubble may be uniform or made of a slow dissolving and a quick dissolving part. The bubbles are useful for aerial distribution of sterile male mosquitoes.

Classifications:
International (IPC 8-9): A01K1/03 A01K1/08 A01K67/033 B64D B64D1/10 B64D1/12 B64D1/16 (Advanced/Invention); B64D (Subclass/Invention)
CPC: B64D1/10 A01K67/033 B64D1/16 A01K1/03 B64D1/12
US: 119/6.5 119/843 119/844



Family:

Publication number	Publication date	Application number	Application date

AU2015356564 AA	20170713	AU20150356564	20151203
AU2015356566 AA	20170713	AU20150356566	20151203
BR112017011424 A2	20180227	BR20171111424	20151203
BR112017011678 A2	20180227	BR20171111678	20151203
BR112017011785 A2	20180220	BR20171111785	20151203
CN107205369 A	20170926	CN201580075737	20151203
CN107207090 A	20170926	CN201580075437	20151203
CO20170006705 A2	20170920	CO20170006705	20170704
CO20170006718 A2	20170920	CO20170006718	20170704
CR20170306 A	20180201	CR20170000306	20151203
EP3226683 A2	20171011	EP20150820296	20151203
EP3226684 A1	20171011	EP20150823393	20151203
IL252634 A0	20170731	IL20150252634	20151203
IL252635 A0	20170731	IL20150252635	20151203
IN201727022297 A	20171201	IN201727022297	20170626
IN201727022663 A	20171110	IN201727022663	20170628
MX2017007252 A1	20180410	MX20170007252	20151203
MX2017007267 A1	20180410	MX20170007267	20151203
SG11201704330W A1	20170629	SG20171104330	20151203
US2017267344 AA	20170921	US20150531750	20151203
US2017267346 AA	20170921	US20150531498	20151203
US2018332817 AA	20181122	US20150532124	20151203
WO16088127 A1	20160609	WO2015IL51178	20151203
WO16088128 A1	20160609	WO2015IL51180	20151203
WO16088129 A2	20160609	WO2015IL51181	20151203
WO16088129 A3	20160728	WO2015IL51181	20151203
WO16088129 A9	20160929	WO2015IL51181	20151203

Priority:

US20140087576P	20141204	US20140087584P	20141204	US20140087590P	20141204
US20150531750	20151203	US20150531498	20151203	US20150532124	20151203
WO2015IL51178	20151203	WO2015IL51181	20151203	WO2015IL51180	20151203

Probable Assignee: SENECIO LTD

Assignee(s): (std): ARIE ASAF LEVY ; DORON SHABANOV ; HANAN LEPEK ; OMER EINAV ; RIMON ARIELI ; ROM EISENBERG ; SENECIO LTD ; YORAM FLEISCHMANN

Inventor(s): (std): LEPEK HANAN ; ARIELI RIMON ; EISENBERG ROM ; EINAV OMER ; LEVY ARIE ASAF ; SHABANOV DORON ; DAREN STEVE ; FLEISCHMANN YORAM ; RIMON ARIELI ; HANAN LEPEK ; ARIE ASAF LEVY ; OMER EINAV ; DORON SHABANOV ; ROM EISENBERG ; YORAM FLEISCHMANN ; STEVE DAREN ; LEVY ARIE ; FLEISCHIMANN YORAM

Agent(s): IP SENTINELS PATENT AND TRADEMARK ATTORNEYS; CAROLINA MERCEDES DAZA MONTALVO; CABINET LAURENT AND CHARRAS; EHRLICH GAL 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

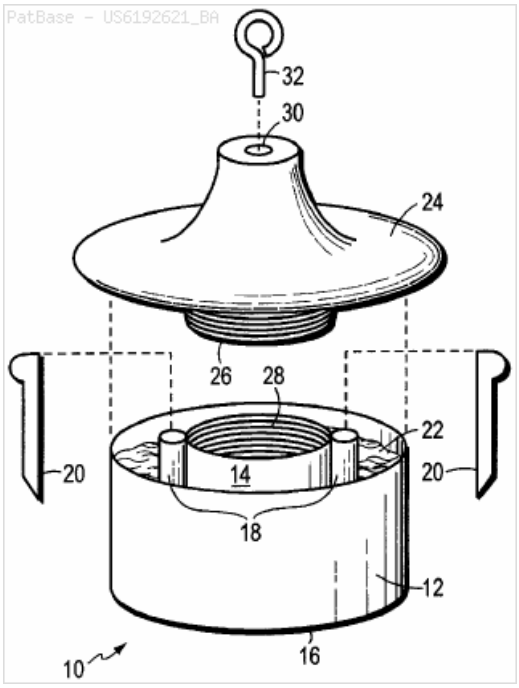
212) Family number: 14969501 (US6192621B)

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Title: Garden pest control device

Abstract: A pest control device is provided for deterring or attracting creatures which feed on vegetables, fruits and flowers grown by farmers and gardeners. The device includes a base portion within which an odorous substance is disposed. The odorous substance is selected to either deter or attract pests and insects. A cap portion is removably securable to the base portion and covers the base portion to prevent the gravitational accumulation of rainwater therein. An unsealed region between the base portion and the cap portion allows odors from the odorous substance within the base portion to flow into the ambient environment.

Classifications:
International (IPC 8-9): A01M1/02 A01M29/12 A01M31/00 (Advanced/Invention)
International (IPC 1-7): A01M1/20 A01M25/00
CPC: A01M1/02 A01M29/12 A01M31/008
European: A01M1/02 A01M1/20C A01M1/20E A01M25/00 A01M25/00D A01M29/12 A01M31/00D
US: 43/131



Family:

Publication number	Publication date	Application number	Application date
US6192621 BA	20010227	US19960774848	19961227

Priority:

US19950399570 19950307 US19960774848 19961227

Probable Assignee: FAIN GERALD STERLING

Assignee(s): FAIN GERALD STERLING

Inventor(s): (std)**:** FAIN GERALD STERLING

213) Family number: 63364502 (US2018044847A)

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Title: TEXTILES HAVING ANTIMICROBIAL PROPERTIES

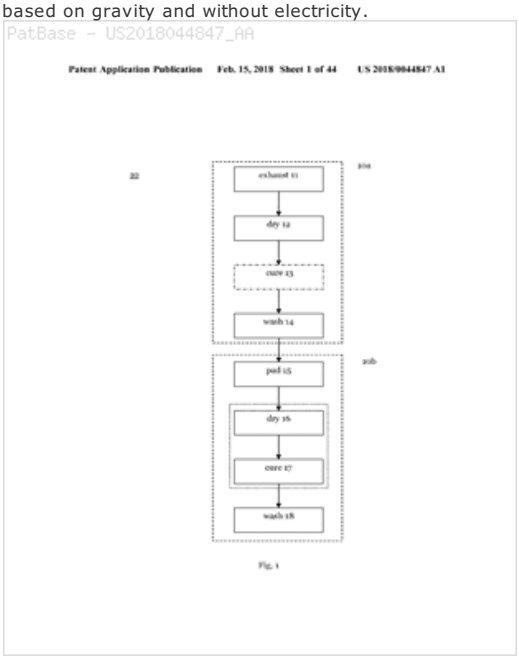
Abstract: Described herein is a method of manufacturing a textile material with antimicrobial compounds in such a manner to chemically bind or attach said compounds to the textile material, and to the treated textile material which performs as a disinfectant or sterilizer on its own. The treated textile material exhibits wash-durability and non-leaching properties. The process includes an exhaust process cycle including the steps of treating the textile material using an exhaust process, where the liquor includes one or more antimicrobial agents, and subjecting the treated textile material to a heat treatment. In addition, a device is described for purifying water, which can operate based on gravity and without electricity.

Classifications:

International (IPC 8-9): A01N A01N25/02 A01N25/08 A01N25/10 A01N25/24 A01N25/34 A01N33/12 A01N43/16 A01N43/653 A01N47/44 A01N55/00 A01N55/10 A01N59/16 A01P3/00 A41D A41D13/11 A61F A61F13/00 A61F13/15 A61F13/47 A61F13/472 A61F13/49 A61F13/494 A61F13/514 A61F13/515 A61F13/53 A61F13/539 A61F13/56 A61F13/64 A61F13/84 A61F5/48 A61L A61L15/18 A61L15/20 A61L15/26 A61L15/28 A61L15/46 A61L15/50 A61L2/00 A61L2/16 A61L9/01 A61L9/16 A62B A62B23/02 B01D39/08 B06B3/00 B23K20/10 B29C65/00 B29C65/08 B29L31/48 B67C3/22 C02F1/50 D06M D06M11/00 D06M11/13 D06M11/65 D06M11/83 D06M13/148 D06M13/188 D06M13/256 D06M13/352 D06M13/355 D06M13/368 D06M13/432 D06M13/46 D06M13/463 D06M13/50 D06M13/513 D06M13/53 D06M15/00 D06M15/03 D06M15/055 D06M15/11 D06M15/356 D06M15/37 D06M15/507 D06M15/53 D06M15/61 D06M15/643 D06M16/00 D06M23/00 D06M23/02 D06N (Advanced/Invention);
A61F13/00 A61F13/514 A61F13/84 B29L31/48 (Advanced/Non-invention);
D06M11/13 (Core/Invention);
D06M (Subclass/Invention)

International (IPC 1-7): A01N25/24 A01N25/34 A01N33/12 A01N47/44 A01N59/16 A41D13/11 A61F13/00 A61F13/15 A61F13/47 A61F13/472 A61F13/49 A61F13/494 A61F13/514 A61F13/515 A61F13/539 A61F13/56 A61F13/64 A61F13/84 A61F5/48 A61L2/16 A62B23/02 B06B3/00 B23K20/10 B29C65/00 B29C65/08 B29L31/48 D06M11/13 D06M11/65 D06M13/148 D06M13/188 D06M13/256 D06M13/352 D06M13/368 D06M13/463 D06M13/513 D06M15/00 D06M15/03 D06M15/61 D06M16/00

CPC: D06M11/00 D06M13/46 D06M23/00 D06M11/65 D06M13/148 D06M13/188 D06M13/368 D06M13/463 D06M15/00 A01N25/10 A01N25/34 A61F13/84 A61F13/8405 A61F2013/0091 A61F2013/15276 A61F2013/8414 A61F2013/8426 D06M11/83 D06M15/11 D06M15/3562 D06M15/507 D06M15/53 D06M15/643 D06M15/6436 D06M2200/01 D06M2400/01 A61F5/485 A61F13/15268 A61F13/15699 A61F13/15739 A61F13/15747 A61F13/49006 A61F13/49453 A61F13/515 A61F13/539 A61F2013/15869 A61F2013/51494 A61F2013/53991 A62B23/025 B01D2239/0442 B01D2239/065 B06B3/00 B29C65/08 B29C66/81433 B29L2031/4878 D06M13/256 D06M16/00 A61L15/18 A61L15/46 A61L15/50 A61L2300/206 A61L2300/208 A01N25/12 B32B3/04 B32B5/022 B32B5/024 B32B5/06 B32B5/26 B32B27/10 B32B27/12 B32B27/40 B32B2255/02 B32B2255/12 B32B2262/0253 B32B2262/0261 B32B2262/0276 B32B2307/7145 B32B2307/726 B32B2307/7265 B32B2307/728 B32B2555/02 B01D39/083 B29C66/112 B29C66/1122 B29C66/135 B29C66/24244 B29C66/729 B29C66/7294



B29C66/929 B29C66/949 B29C66/9513 A01N25/08 A01N47/44 A01N55/00 A01N43/653 A01N43/16 A01N59/16 D06M11/13 D06M13/352 D06M13/513 D06M15/03 D06M15/61 D06M15/564 D06M15/693 D06M2101/06 D06M2101/32 A61F13/49003 A01N25/24 A01N33/12 A41D13/11 A41D13/1192 A61F13/47 A61F13/472 A61F13/56 A61F13/5605 A61F13/64 A61F2013/0094 A61L2/16 B23K20/106 D06M13/53 D06M13/355
US: 442/123

Family:

Publication number	Publication date	Application number	Application date
AR103813 AA	20170607	AR2016P100526	20160229
AR107279 AA	20180418	AR2017P100001	20170102
AR107280 AA	20180418	AR2017P100002	20170102
AU2016223346 AA	20171019	AU20160223346	20160229
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CO20180006925 A2	20180920	CO20180006925	20160826
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EP3061864 A1	20160831	EP20150000574	20150227
EP3187047 A1	20170705	EP20160001875	20160826
EP3187654 A1	20170705	EP20150203186	20151230
EP3262228 A1	20180103	EP20160706880	20160229
EP3397228 A2	20181107	EP20170700037	20170102
EP3397803 A1	20181107	EP20160774852	20160826
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HK1238086 A1	20180427	HK20170112097	20171120
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IN201817026374 A	20181102	IN201817026374	20180715
IN201847027885 A	20180803	IN201847027885	20180725
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JP2018514655 T2	20180607	JP20170545552T	20160229
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KR20180108620 A	20181004	KR20187021596	20170102
MX2017011026 A1	20180430	MX20170011026	20160621
MX2018008125 A1	20181206	MX20180008125	20170102
NZ735865 A	20190426	NZ20160735865	20160229
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PE14692018 A1	20180913	PE20180001207	20170102
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PH2017501551 A	20180205	PH20170501551	20170829
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SG11201805210W A1	20180730	SG20181105210	20170102
TH178472 A	20180726	TH20171004864	20160229
TN2017000371 A1	20190116	TN20170000371	20160229
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US2018368401 AA	20181227	US20180018198	20180626
WO16135344 A1	20160901	WO2016EP54245	20160229
WO17114585 A1	20170706	WO2016EP01449	20160826
WO17114971 A2	20170706	WO2017EP50032	20170102
WO17114971 A3	20170810	WO2017EP50032	20170102
WO17114971 A4	20171026	WO2017EP50032	20170102
WO17114974 A2	20170706	WO2017EP50035	20170102
WO17114974 A3	20170810	WO2017EP50035	20170102
WO17114974 A4	20171102	WO2017EP50035	20170102

Priority:

EP20150000574 20150227	EP20150203186 20151230	AU20160223346 20160229
WO2016EP54245 20160229	WO2016EP64245 20160621	EP20160001875 20160826
WO2016EP01449 20160826	WO2017EP50032 20170102	WO2017EP50035 20170102
US20170686643 20170825	US20180018198 20180626	AU20190200204 20190111

Probable Assignee: GREEN IMPACT HOLDING AG

Assignee(s): (std)**:** GREEN IMPACT HOLDING AG ; LIVINGUARD AG

Assignee(s): KURIEN ASHOK ; SWAMY ROHINI ; SWAMY SANJEEV

Inventor(s): (std)**:** ASHOK KURIEN ; KURIEN ASHOK ; SWAMY SANJEEV ; SWAMY ROHINI ; ROHINI SWAMY ; SANJEEV SWAMY

Agent(s): FB RICE PTY LTD; BLAKE CASSELS AND GRAYDON LLP; JOHANSSON AND LANGLOIS; ALICIA LLOREDA RICAURTE; KARL CHRISTOF; MARKS AND CLERK; ZAIN ISNAENI ADNAN MBA MIP; MORI TOMOHIRO

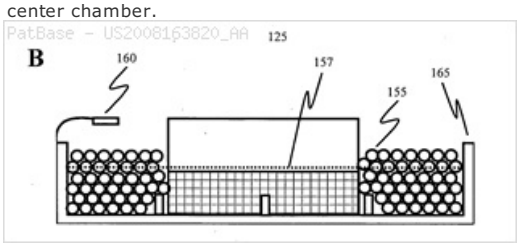
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN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

214) Family number: 41998504 (US2008163820A)

Title: PEST-RESISTANT PET FOOD CONTAINER

Abstract: The invention described herein is a pest-deterrent pet food bowl for the feeding and watering of pets which contains a pet food bowl, wherein a detachable center chamber holds the food or drink, and a base chamber surrounds the center chamber to form a moat. The moat is filled with a pest-deterrent substance, thereby providing a barrier to unwanted pests. The base chamber has guides emerging from its bottom, which prevent or restrict movement of the detachable center chamber when it is placed in the base chamber. The center chamber has a step emerging from its outer edge, allowing a small pet to cross the large moat and be able to reach the food in the center chamber.

Classifications:
International (IPC 8-9): A01K5/00 (Advanced/Invention);
A01K5/00 (Core/Invention)
CPC: A01K5/0142 A01M29/12 A01M29/34 A01M2200/011
European: A01K5/01B4 A01M29/12 A01M29/34 K01M200/011
US: 119/61.54 119/61.540P



Family:

Publication number	Publication date	Application number	Application date
US2008163820 AA	20080710	US20070650161	20070105

Priority:

US20070650161 20070105

Probable Assignee: BENNETT CURTIS

Assignee(s): (std)**:** BENNETT CURTIS

Inventor(s): (std)**:** BENNETT CURTIS

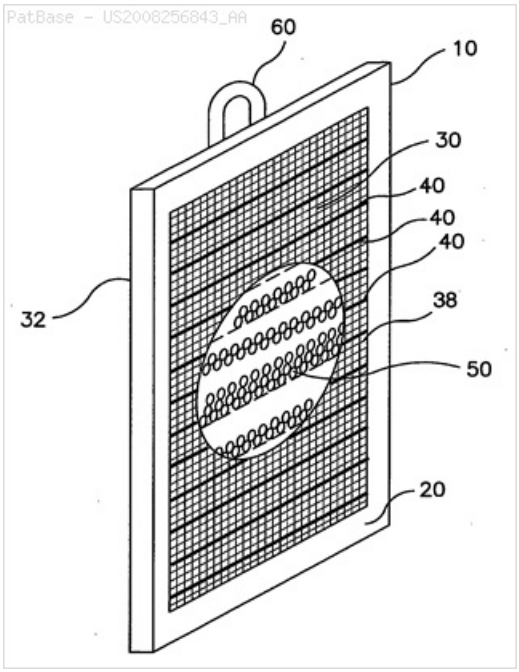
Agent(s): BEN SANDERS

215) Family number: 32849506 (US2008256843A)

Title: INSECT BAIT STATION

Abstract: A device for controlling insects, especially flying insects. The device has two screens joined by a series of seams to form pockets. Pellets containing attractants and poison are placed in the pockets and insects come to feed on the poison. The screen openings are large enough to permit the insects to feed on the pellets, but not so large that the pellets fall out of the pockets.

Classifications:
International (IPC 8-9): A01M1/20 (Advanced/Invention);
A01M1/20 (Core/Invention)
CPC: A01M1/2016 Y10T29/49826
European: A01M1/20B2
US: 29/428 43/131



Family:

Publication number	Publication date	Application number	Application date
US2008256843 AA	20081023	US20050577145	20051012
WO06044382 A2	20060427	WO2005US36525	20051012
WO06044382 A3	20060824	WO2005US36525	20051012

Priority:

US20040618047P 20041012 US20050577145 20051012 WO2005US36525 20051012

Probable Assignee: BAYER AG

Assignee(s): (std)**:** BAYER AG ; BAYER HEALTHCARE LLC ; HACK RICHARD ; VOLBY STUART ALLEN

Inventor(s): (std)**:** HACK RICHARD ; VOLBY STUART ALLEN

Agent(s): SHOOK HARDY AND BACON LLP INTELLECTUAL PROPERTY DEPARTMENT

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

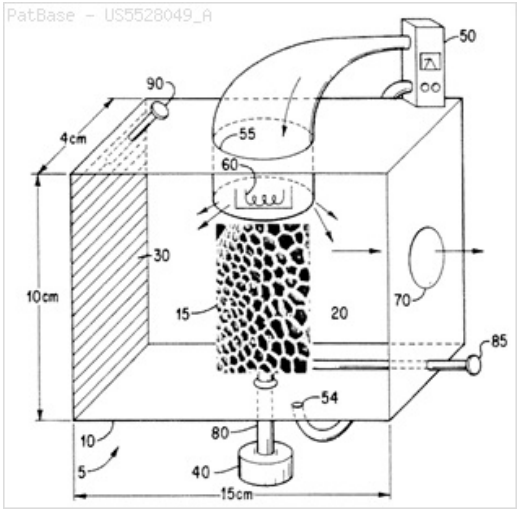
216) Family number: 52206507 (US5528049A)

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Title: Frequency emitter for control of insects

Abstract: An apparatus and method for controlling insects is provided. In one embodiment, the invention utilizes pumping radiation and molecular vibratory modulation to generate coherent or semi-coherent radiation frequencies to control or attract insects. Such control acting either as an attractant (e.g., for trapping) radiation or a frequency quenching (i.e., jamming) radiation for insects. In a second embodiment, the invention utilizes pumping radiation and a scatter surface to generate coherent or semi-coherent radiation frequencies to control or attract insects.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/04 A01M29/02 (Advanced/Invention)
International (IPC 1-7): A01M1/00 A01M1/02 A01M29/02 G02B5/00
CPC: A01M1/02 A01M1/04 A01M2200/012
European: A01M1/02 A01M1/04 K01M200/012
US: 250/493.1 250/503.1 43/113 43/132.1



Family:

Publication number	Publication date	Application number	Application date
AU199650953 A1	19961002	AU19960050953	19960315
AU716864 B2	20000309	AU19960050953	19960315

CA2215405 AA	19970915	CA19962215405	19960315
CN1183836 A	19980603	CN19961093721	19960315
EP0820602 A1	19980128	EP19960907213	19960315
EP0820602 A4	19980527	EP19960907213	19960315
JP11503008 T2	19990323	JP19960527858T	19960315
US5528049 A	19960618	US19950405308	19950316
WO9628749 A1	19960919	WO1996US03623	19960315

Priority:

US19930121368 19930915 US19950405308 19950316 WO1996US03623 19960315

Probable Assignee: TECHNOLOGY SG LP

Assignee(s): (std): FOX INVEST CO ; S G TECH CO ; TECHNOLOGY SG L P

Assignee(s): CALLAHAN PHILIP S ; TECHNOLOGY SG LP ; FOX INVESTMENT CO ; FOX INVESTMENT COMPANY

Inventor(s): (std): CALLAHAN PHILIP S

Inventor(s): PHILIP S CALLAHAN

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; MBM AND CO

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

217) Family number: 71502507 (IN201841037304A)

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Title: A SMART MOSQUITO CONTROL FISH TANK AND A METHOD TO FEED MOSQUITO LARVAE AND LIVE INSECTS TO AQUARIUM

Abstract: A smart mosquito control fish tank and a method to feed mosquito larvae 19 and live insects 18 to aquarium fishes 20. Mosquito larvae 19 and insects 18 are one of the most nutritious live food for fishes. Moreover feeding mosquito larvae 19 regularly will improves fishes colour and their breeding system. To feed live insects 18 to the fishes the insects 18 are attracted to the surface of the water by means of sliding insect trap 3. Mosquito larvae 19 are cultured by an automatic mosquito breeder 2 in which the female adult mosquitoes were attracted to lay their eggs. The mosquito-breeding compartment 16 will automatically drain and refill the fresh water periodically as per schedule. By draining the breeder compartment 16 water into the fish tank 1 it automatically transfer the mosquito larvae 19 to the fish tank as a live food for fishes 20. The breeding compartment 16 refills automatically by fresh water from the fish tank 1 itself once it drains the water and cultured mosquito larvae 19 into the fish tank. A Beef meal is added to the breeding compartment 16 by an beef meal adding mechanism 5,2.2 which attract the adult female mosquitoes into the breeder tank 2 to lay their eggs.

Classifications:

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

Family:

Publication number	Publication date	Application number	Application date
IN201841037304 A	20181012	IN201841037304	20181003

Priority:

IN201841037304 20181003

Probable Assignee: ARIVAZHAGAN S

Assignee(s): ARIVAZHAGAN S

Inventor(s): A MOHANKUMAR ; ARIVAZHAGAN S ; BOOPATHIRAJA K P ; CHANDRU P ; DHAMODHARAN N ; DHAYANEETHIS ; G VISHNU BABU ; GANAPATHY T ; KANTHARAJ ; KAVIYARASAN K ; MANIVELPRABHU C ; SANTHOSHKUMAR S ; VIGNESH SUBRAMANIAM G

218) Family number: 70569508 (WO18134828A2)

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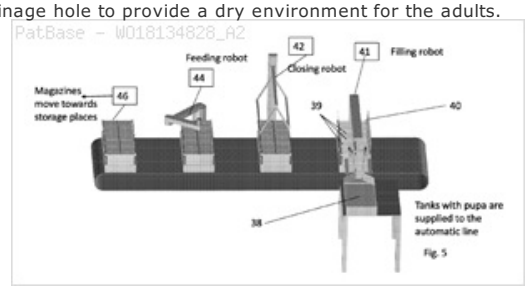
Title: AUTOMATIC HANDLING AND SORTING OF INSECTS FOR GROWTH AND RELEASE

Abstract: Apparatus for automatic loading of pupae into cartridges for growing, hatching into adults and dispersal of the adults, comprises: a pupa tray of pupae in liquid. A cartridge hatches the pupae into adults and may be placed in a dispersal machine for dispersal of the adults. The cartridge has a drainage hole covered in netting at a lower end, and when filled with pupae and needing water, may be placed in a water tray to retain water in the cartridge. Then, following hatching of the pupae, the cartridge is lifted from the water tray to drain via the drainage hole to provide a dry environment for the adults.

Classifications:

International (IPC 8-9): A01K1/03 A01K29/00 A01K63/00 A01K67/033 G01N35/00 (Advanced/Invention)

CPC: A01K67/033 A01K1/03 A01K29/005 G01N35/0099 G06K9/00362 G06K9/00147 G06K9/6273 A01M1/026



Family:

Publication number	Publication date	Application number	Application date
WO18134828 A2	20180726	WO2018IL50080	20180122
WO18134828 A3	20181025	WO2018IL50080	20180122
WO18134829 A1	20180726	WO2018IL50081	20180122
WO19008591 A2	20190110	WO2018IL50738	20180706

Priority:

US20170449050P 20170122 US20170458065P 20170213 US20170529057P 20170706
US20170533242P 20170717 US20180647934P 20180326 US20180668842P 20180509

Probable Assignee: SENECIO LTD

Assignee(s): (std): SENECIO LTD

Inventor(s): (std): KARLIN BARUCH E ; NAVE TAMIR ; TIROSH ITAMAR ; LEPEK HANAN ; FLEISCHMANN YORAM ; EISENBERG ROM

Agent(s): EHRLICH GAL 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

219) Family number: 70604509 (CO20160005749A)

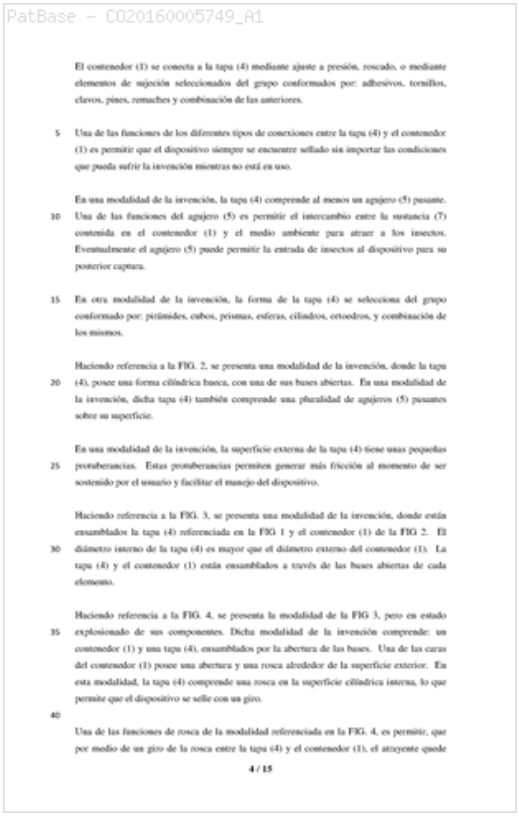
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Title: DISPOSITIVO DE LIBERACION DE ATRAYENTE PARA INSECTOS Insect ATTRACTANT RELEASE DEVICE (Machine translation)

Abstract: Source: CO20160005749A [ES] La presente invencion corresponde a un dispositivo para la liberacion de sustancias que atraen insectos. El dispositivo comprende: Un contenedor (1) con una abertura, una sustancia (6), ubicada en el interior del contenedor (1), donde la sustancia (6) se inserta en el contenedor (1) a traves de la abertura y un elemento bloqueador de movimiento (2) conectado operacionalmente al contenedor (1). El dispositivo contiene en el interior del contenedor, una sustancia semioquimica, que atrae a los insectos y que opcionalmente los atrapa al tener eventualmente propiedades adherentes. Ademas, el elemento bloqueador de movimiento permite ubicar la trampa sombre cualquier superficie, evitando que esta se mueva y sufra vibraciones, asegurando un continuo uso del dispositivo.

Machine translation: The present invention relates to a device for the release of substances that attract insects. The device comprising: a container (1) with an opening, a substance (6), located in the interior of the container (1), wherein the substance (6) is inserted into the container (1) through the opening, and a locking element (2) connected operationally to the container (1). The device contains a substance inside the container, semioquimica, which attracts insects and optionally the traps to have eventually adherent properties. In addition, the blocking element movement allows to locate the trap sombre any surface, preventing it from moving and suffer vibrations, ensuring a continuous use of the device.

Classifications:
International (IPC 8-9): A01M1/00 A01M1/02 (Advanced/Invention)


PatBase – CO20160005749_A1

El contenedor (1) se conecta a la tapa (4) mediante ajuste a presión, roscado, o mediante elementos de sujeción seleccionados del grupo conformados por: adhesivos, tornillos, clavos, pines, remaches y combinación de las anteriores.

Una de las funciones de los diferentes tipos de conexiones entre la tapa (4) y el contenedor (1) es permitir que el dispositivo siempre se encuentre sellado sin importar las condiciones que pueda sufrir la invención mientras no está en uso.

En una modalidad de la invención, la tapa (4) comprende al menos un agujero (5) pasante. Una de las funciones del agujero (5) es permitir el intercambio entre la sustancia (7) contenida en el contenedor (1) y el medio ambiente para atraer a los insectos. Eventualmente el agujero (5) puede permitir la entrada de insectos al dispositivo para su posterior captura.

En otra modalidad de la invención, la forma de la tapa (4) se selecciona del grupo conformado por: pirámides, cubos, prismas, esferas, cilindros, ortoedros, y combinación de los mismos.

Haciendo referencia a la FIG. 2, se presenta una modalidad de la invención, donde la tapa (4), posee una forma cilíndrica hueca, con una de sus bases abiertas. En una modalidad de la invención, dicha tapa (4) también comprende una pluralidad de agujeros (5) pasantes sobre su superficie.

En una modalidad de la invención, la superficie externa de la tapa (4) tiene unas pequeñas protuberancias. Estas protuberancias permiten generar más fricción al momento de ser sostenido por el usuario y facilitar el manejo del dispositivo.

Haciendo referencia a la FIG. 3, se presenta una modalidad de la invención, donde están ensamblados la tapa (4) referenciada en la FIG 1 y el contenedor (1) de la FIG 2. El diámetro interno de la tapa (4) es mayor que el diámetro externo del contenedor (1). La tapa (4) y el contenedor (1) están ensamblados a través de las bases abiertas de cada elemento.

Haciendo referencia a la FIG. 4, se presenta la modalidad de la FIG 3, pero en estado explosionado de sus componentes. Dicha modalidad de la invención comprende: un contenedor (1) y una tapa (4), ensamblados por la abertura de las bases. Una de las caras del contenedor (1) posee una abertura y una rosca alrededor de la superficie exterior. En esta modalidad, la tapa (4) comprende una rosca en la superficie cilíndrica interna, lo que permite que el dispositivo se selle con un giro.

Una de las funciones de rosca de la modalidad referenciada en la FIG. 4, es permitir, que por medio de un giro de la rosca entre la tapa (4) y el contenedor (1), el atrayente quede

4 / 15

Family:

Publication number	Publication date	Application number	Application date
CO20160005749 A1	20180710	CO20160005749	20161223

Priority:

CO20160005749 20161223

Probable Assignee: UNIV INDUSTRIAL DE SANTANDER

Assignee(s): (std): UNIV INDUSTRIAL DE SANTANDER

Assignee(s): UNIVERSIDAD INDUSTRIAL DE SANTANDER

Inventor(s): (std): HERNANDEZ HARRY ; LOPEZ ORTIZ JOSE GABRIEL ; NABARLATZ DEBORA ALCIDA ; PARRA MORENO HECTOR JULIO ; RINCON MORA JESSICA JULIANA ; RUIZ VITA SERGIO JULIAN ; DUQUE LUNA JONNY EDWARD ; TRESPALACIOS LEIDY

Inventor(s): DEBORA ALCIDA NABARLATZ ; HARRY HERNANDEZ ; HECTOR JULIO PARRA MORENO ; SERGIO JULIAN RUIZ VITA ; JESSICA JULIANA RINCON MORA ; JONNY EDWARD DUQUE LUNA ; JOSE GABRIEL LOPEZ ORTIZ ; LEIDY TRESPALACIOS

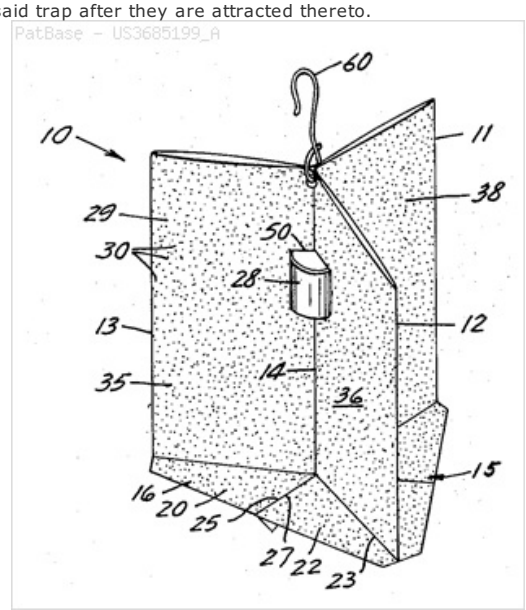
Agent(s): CARLOS REINALDO OLARTE GARCIA

220) Family number: 126510 (US3685199A)

Title: INSECT TRAP

Abstract: A disposable, collapsible insect trap comprising a suitable flexible material folded into a configuration characterized by three or more vanes surrounding a central axis, thereby exposing a relatively large surface area which has thereon an insect attractant and a tacky material to hold insects on said trap after they are attracted thereto.

Classifications:
International (IPC 8-9): A01M1/14 (Advanced/Invention); A01M1/00 (Core/Invention)
International (IPC 1-7): A01M1/00 A01M1/02 A01M1/10 A01M1/14 A01M5/06 A01N
CPC: A01M1/14 A01M1/145
European: A01M1/14 A01M1/14B
US: 43/114 431/140



Family:

Publication number	Publication date	Application number	Application date
AU197133846 A1	19730322	AU19710033846	19710923
AU433277 B2	19730322	AU19710033846	19710923
BE772977 A	19720323	BE19710772977	19710923
CA948850 A1	19740611	CA19710123567	19710923
CH535008 A	19730331	CH19710013910	19710923
DE2148131 A1	19720518	DE19712148131	19710923
FR2108486 A5	19720519	FR19710034319	19710923
GB1368450 A	19740925	GB19710044496	19710923
NL7112639 A	19720328	NL19710012639	19710914
SE379919 B	19751027	SE19710011655	19710914
SE379919 C	19760205	SE19710011655	19710914
US3685199 A	19720822	US19700074977	19700924
ZA7106387 A	19720531	ZA19710006387	19710923

Priority:

US19700074977 19700924

Probable Assignee: 3M CO

Assignee(s): (std): 3M CO ; MINNESOTA MINING AND MFG

Assignee(s): MINNESOTA MINING AND MFG CO ; MINNESOTA MINING MFG CO ; MINNESOTA MINING AND MANUFACTURING CY ; MINNESOTA MINING AND MANUFACTURING CY 3 M CENTER SAINT PAUL ETAT DU MINNESOTA E U A ; MINNESOTA MINING AND MFG CY 3 M CENTER SAINT PAUL ETAT DU MINNESOTA EUA ; BRADSHAW THOMAS I ; MINNESOTA MINING ; MINNESOTA MINING AND MANUFACTURING CO ; MINNESOTA MINING AND MANUFACTURING COMPANY

Inventor(s): (std): BRADSHAW T ; THOMAS IAN BRADSHAW ; BRADSHAW THOMAS IAN ; BRADSHAW THOMAS I ; BRADSHAW T I

Inventor(s): THOMAS I BRADSHAW ; IAN BRADSHAW THOMAS ; T I BRADSHAW ; TI BRADSHAW

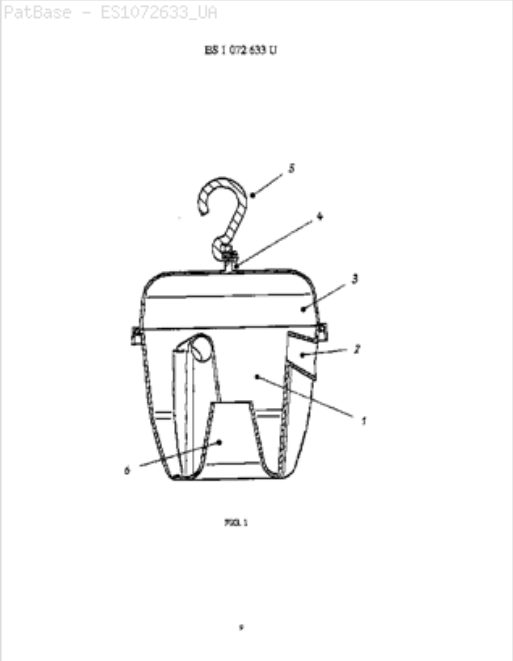
221) Family number: 46543513 (ES1072633U)

Title: MOSQUERO EVOLUCIONADO Y MEJORADO Flycatcher EVOLVED AND IMPROVED (Machine translation)

Abstract: Source: ES1072633U [ES] 1. Mosquero evolucionado y mejorado con dos piezas desmontables con un sistema de cierre rapido: el cuerpo (1), de forma troncoconica curvada hacia la parte inferior, esta caracterizado porque tiene unas aberturas laterales (2) totalmente integradas formadas por tubos opacos cuyo eje de revolucion forma un angulo sobre la horizontal y ligeramente conicos, de manera que la entrada exterior tiene un diametro superior a la salida interior y la trayectoria hacia el interior de la trampa es ascendente; la tapa (3) es ligeramente plana en su parte superior, donde dispone de una orejeta agujereada (4) y con un gancho (5) incorporado mediante un sistema pivotante que permite abatir dicho gancho cuando no esta operativo. 2. Mosquero evolucionado y mejorado segun reivindicacion 1 caracterizado porque las entradas laterales (2) son tubos troncoconicos con diametro decreciente hacia el interior, que estan constructivamente totalmente integrados en el cuerpo del mosquero y no dificultan el apilado de varias unidades. 3. Mosquero evolucionado y mejorado, segun reivindicaciones 1 y 2, caracterizado porque las aberturas laterales (2) tienen un eje de revolucion con una inclinacion ascendente -segun trayectoria de entrada- de entre 20 degrees y 30 degrees sobre la horizontal. 4. Mosquero evolucionado y mejorado, segun reivindicacion 1, caracterizado por la forma fundamentalmente redondeada del cuerpo. 5. Mosquero evolucionado y mejorado, segun reivindicacion 1, caracterizado porque la tapa (3) tiene formas redondeadas y un sistema de cierre rapido sobre el cuerpo (1). 6. Mosquero evolucionado y mejorado, segun reivindicacion 1, caracterizado porque el gancho (5) de plastico, pivotante, se inserta sin posterior posibilidad de extraccion y porque tiene formas redondeadas y exentas de cantos vivos.

Machine translation: 1. Mosquero evolved and improved with two detachable parts with a rapid closure system: the body (1), of frustoconical shape curved towards the bottom, is characterized by having lateral openings (2) formed by tubes embedded completely opaque whose axis of revolution form an angle to the horizontal and slightly conical, so that the external input has a diameter exceeding the inner outlet and the path toward the interior of the trap is ascending, the lid (3) is slightly flattened at its top, where has a pierced ear (4) and a hook (5) incorporated by pivoting system for lowering the hook when not operating. 2. Flycatcher evolved and improved according to claim 1 wherein the side entrances (2) are tapered tubes with diameter decreasing towards the interior, which are fully integrated constructively in the body of the flycatcher and not hinder the stacking of multiple units. 3. Flycatcher evolved and improved, according to claims 1 and 2, wherein the lateral openings (2) have an axis of revolution with a tilt-up according to input-trajectory between 20 degrees and 30 degrees above horizontal. 4. Flycatcher evolved and improved, according to claim 1, characterized mainly by the rounded shape of the body. 5. Flycatcher evolved and improved, according to claim 1, wherein the cover (3) have rounded shapes and a fast closing on the body (1). 6. Flycatcher evolved and improved, according to claim 1, wherein the hook (5) plastic, pivotally inserted without further possibility of extraction and it is rounded and free of sharp edges.

Classifications:
International (IPC 8-9): A01M1/20 (Advanced/Invention);
A01M1/20 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
ES1072633 UA	20100811	ES20100000534U	20100513
ES1072633 Y1	20110926	ES20100000534U	20100513

Priority:
ES20100000534U 20100513

Probable Assignee: HERMANOS ALFONSO Y JOSE SANZ S

Assignee(s): (std)**:** HERMANOS ALFONSO Y JOSE SANZ S ; HERMANOS ALFONSO Y JOSE SANZ S L

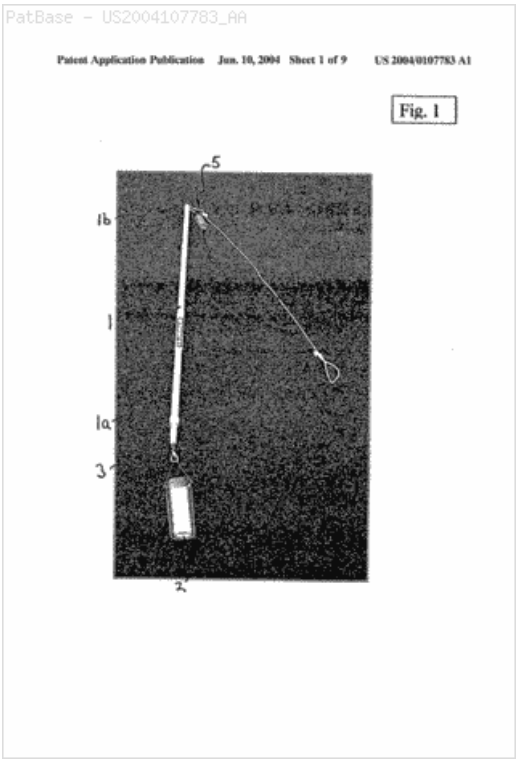
Inventor(s): (std)**:** SANZ PEREZ JOSE JUAN

222) Family number: 30650516 (US2004107783A)

Title: SAMPLE COLLECTION ARRANGEMENT OPERATIVE IN ENVIRONMENTS OF RESTRICTED ACCESS

Abstract: A sample collection arrangement for obtaining organism-populated water samples from locations in the environment that are highly restricted in terms of physical access, which comprises a telescopic pole and one or more containers each of which, together with the pole, is designed to accommodate the physical restrictions encountered in sampling, such as severely grated storm drains, and means demountably coupling the container and the pole that enable the container to be flexibly oriented in relation to the water source through virtually any acute angle relative to the pole's longitudinal dimension. Multiple embodiments of the container and coupling means, as a well as a security component with extension capability, are disclosed.
Classifications:
International (IPC 8-9): A01M3/00 G01N1/12 (Advanced/Invention);
A01M3/00 G01N1/12 (Core/Invention)
International (IPC 1-7): G01N1/12
CPC: G01N1/12
European: G01N1/12
US: 43/132.1 73/864.51

PatBase – US2004107783_AA



Family:

Publication number	Publication date	Application number	Application date
US2004107783 AA	20040610	US20030379348	20030304
US2008000146 AA	20080103	US20050040413	20050121
US7428849 BB	20080930	US20050040413	20050121

Priority:

US20020361802P 20020305 US20030379348 20030304 US20050040413 20050121

Probable Assignee: MUSA CHRISTINE P

Assignee(s): (std)**:** MUSA CHRISTINE P

Inventor(s): (std)**:** MUSA CHRISTINE P

Inventor(s): MUSA CHRISTINE

Agent(s): MARK L HOPKINS ESQ; HOPKINS ESQ MARK L; MARK L

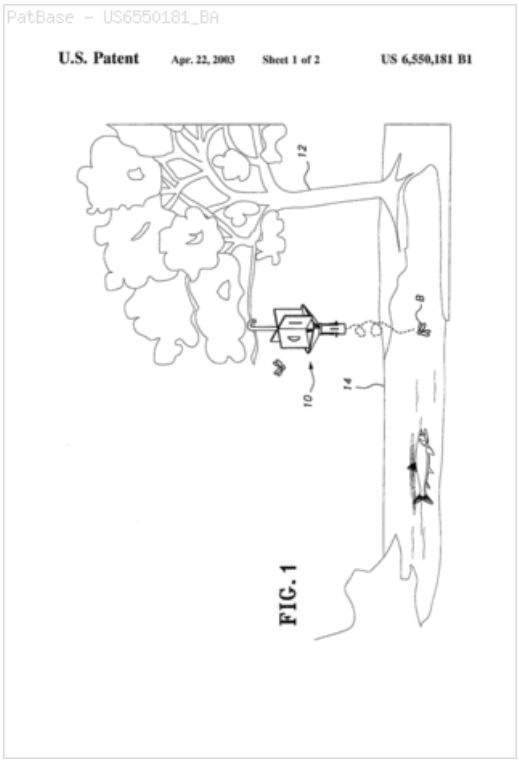
223) Family number: 30133516 (US6550181B)

© PatBase

Title: ELEVATED BEETLE TRAP

Abstract: An elevated beetle trap which includes two interlocking bodies each having a slot formed in a surface thereof. A sex lure is disposed in the slot to attract beetles. The beetles collide with the interlocking bodies and fall to a funnel positioned at the bottom of the interlocking bodies. A bag is removably secured to the funnel to house and transport the trapped beetles.Conveniently, the trap may be positioned over a body of water so that dead beetles fall into the water for fishfood.

Classifications:
International (IPC 8-9): A01K61/02 A01M1/10
A01M1/20 (Advanced/Invention);
A01K61/02 A01M1/00 A01M1/20 (Core/Invention)
International (IPC 1-7): A01M1/00 A01M1/02 A01M1/10
CPC: A01M1/106 A01K61/80 A01M1/2016 A01M2200/012
Y02A40/845
European: A01K61/02 A01M1/02B A01M1/10 A01M1/10F
A01M1/20B A01M1/20B2 A01M1/20C K01M200/012 K01M201/02
US: 43/107 43/122 43/132.1



Family:

Publication number	Publication date	Application number	Application date
US6550181 BA	20030422	US20010846263	20010502

Priority:

US20000211541P 20000615 US20010846263 20010502

Probable Assignee: RAY RANDY D

Assignee(s): (std)**:** RAY RANDY D

Inventor(s): (std)**:** RAY RANDY D

224) Family number: 41513518 (US2008040967A)

Title: BUG TRAP DEVICE

Abstract: A bug trap device for capturing bugs or insects in midair or resting on a surface. The entire bug trap device can be disposable, or a portion thereof. A preferred embodiment utilizes a reusable handle and a disposable insert.

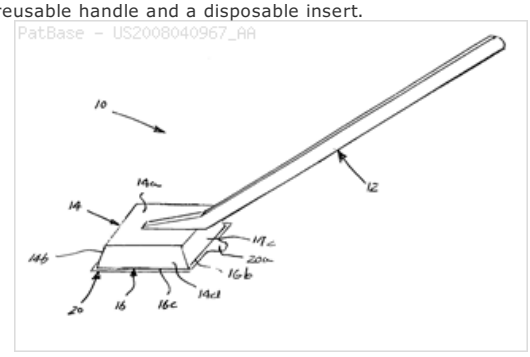
Classifications:

International (IPC 8-9): A01M1/14 A01M3/04 (Advanced/Invention); A01M1/00 A01M3/00 (Core/Invention)

CPC: A01M3/04

European: A01M3/04

US: 43/114 43/136



Family:

Publication number	Publication date	Application number	Application date
US2008040967 AA	20080221	US20060504051	20060815

Priority:

US20060504051 20060815

Probable Assignee: YOUNG TODD M

Assignee(s): (std)**:** YOUNG TODD M

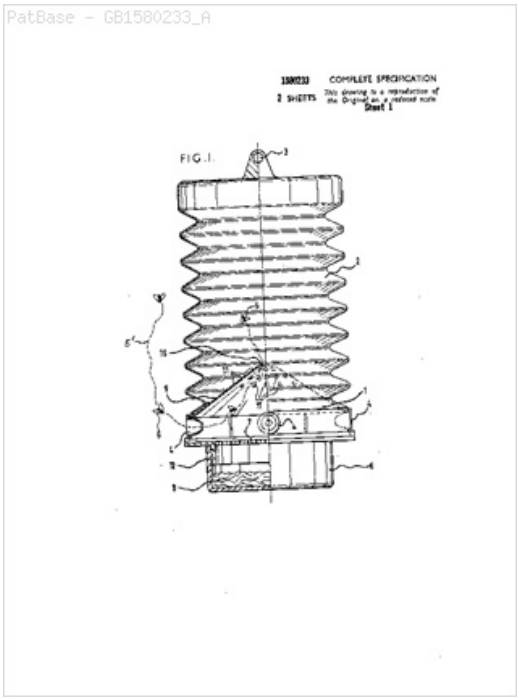
Inventor(s): (std)**:** YOUNG TODD M

Agent(s): KLIMA LAW OFFICES PLLC

225) Family number: 5047518 (HK37081A)

Title: INSECT TRAP

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/02
CPC: A01M1/02 A01M1/106 A01M2200/012
European: A01M1/02 A01M1/02B A01M1/10F K01M200/012 K01M201/02



Family:

Publication number	Publication date	Application number	Application date
GB1580233 A	19801126	GB19770024335	19770610
HK37081 A	19810731	HK19810000370	19810723

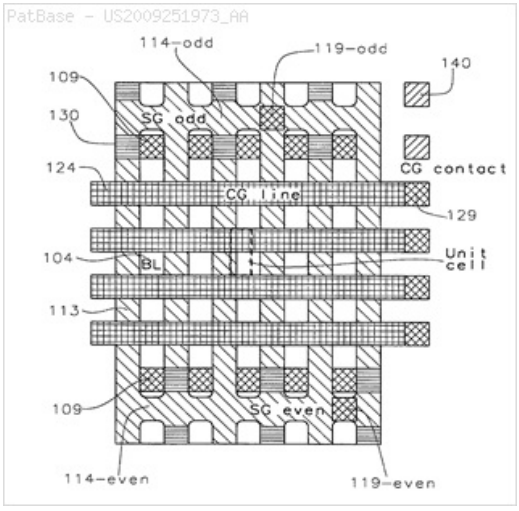
Priority:
GB19770024335 19770610

Probable Assignee: DRANSFIELD AND CO LTD A
Assignee(s): (std)**:** DRANSFIELD AND CO LTD A
Inventor(s): (std)**:** GILLERON A A

226) Family number: 43811521 (US2009251973A)

Title: TRENCH MONOS MEMORY CELL AND ARRAY

Abstract: The MONOS vertical memory cell of the present invention allow miniaturization of the memory cell area. The two embodiments of split gate and single gate provide for efficient program and erase modes as well as preventing read disturb in the read mode.
Classifications:
International (IPC 8-9): A01H5/00 A01N37/18 A01P7/04 C07K14/00 C07K14/435 C12N1/20 G01N33/53 G11C11/34 G11C16/04 G11C16/10 H01L29/792 (Advanced/Invention); C07K14/00 C12N1/20 G01N33/53 G11C16/04 H01L29/66 (Core/Invention)
International (IPC 1-7): C07K14/00 C12N1/20 G01N33/53
CPC: H01L27/11568 G11C16/0416 G11C16/0433 H01L27/11565 H01L29/42352 H01L29/792 H01L29/7926 Y02A40/162 A01N63/02 C07K14/43563 C07K14/705 C12N15/8286
European: A01N63/02 C07K14/435A4 C07K14/705 C12N15/82C8B6E H01L27/115G2 H01L27/115G4 H01L29/423D2B3D H01L29/792 H01L29/792V S11C16/04F1 S11C16/04F3
US: 257/324 257/324S 257/E29.309 257/E29.309S 365/174 365/185.05 365/185.14 365/185.18 365/185.180P 365/185.180S 365/185.29 365/185.290P 514/4.5 514/4.500P 530/324 530/324S 800/298 800/298S



Family:

Publication number	Publication date	Application number	Application date
AU2009231626 AA	20091008	AU20090231626	20090403
BRPI0910902 A2	20150929	BR2009PI10902	20090403
BRPI0910902 A8	20181211	BR2009PI10902	20090403
EP2283357 A2	20110216	EP20090727226	20090403
EP2283357 A4	20111228	EP20090727226	20090403
MX2010010922 A1	20110503	MX20100010922	20090403
US2009251973 AA	20091008	US20090384550	20090406
US2011112012 AA	20110512	US20090936027	20090403
US2012063230 AA	20120315	US20110199689	20110907
US8081515 BB	20111220	US20090384550	20090406

US8379453 BB	20130219	US20110199689	20110907
WO09124258 A2	20091008	WO2009US39486	20090403
WO09124258 A3	20100107	WO2009US39486	20090403

Priority:

US20080072977P 20080404 US20080072997P 20080404 US20080192160P 20080916
WO2009US39486 20090403 US20090936027 20090403 US20090384550 20090406
US20110199689 20110907

Probable Assignee: INSECTIGEN INC

Assignee(s): (std): HALO LSI INC ; HUA GANG ; INSECTIGEN INC ; UNIV GEORGIA RES FOUND ; UNIV GEORGIA ; ABDULLAH MOHD AMIR FURSAN ; ADANG MICHAEL J ; UNIV GEORGIA STUDIES RES FOUNDATION INC ; UNIV OF GEORGIA RES FOUNDATION INC ; TROM ; SATOH KIMIHIRO ; UNIV OF GEORGIA RESEARCH FOUNDATION INC ; ZHANG RUI

Assignee(s): UNIVERSITY OF GEORGIA RESEARCH FOUNDATION INC ; THE UNIVERSITY OF GEORGIA STUDIES RESEARCH FOUNDATION INC ; UNIVERSIDAD OF GEORGIA RESEARCH FOUNDATION INC ; OF GEORGIA STUDIES RESEARCH FOUNDATION INC UNIV ; OF GEORGIA RESEARCH FOUNDATION INC UNIV

Inventor(s): (std): SATOH KIMIHIRO ; ADANG MICHAEL J ; ZHANG RUI ; ABDULLAH MOHD AMIR FURSAN ; HUA GANG ; GANG HUA ; MICHAEL J ADANG ; MOHD AMIR FURSAN ABDULLAH ; RUI ZHANG ; INC INSECTIGEN ; INSECTIGEN INC

Agent(s): PIZZEYS PATENT AND TRADE MARK ATTORNEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; ZWICKER JOERK; SAILE ACKERMAN LLC; STEPHEN B; ROSEMARY L S; SANDERS JAY M

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 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 ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

227) Family number: 54076521 (SE201151027A)

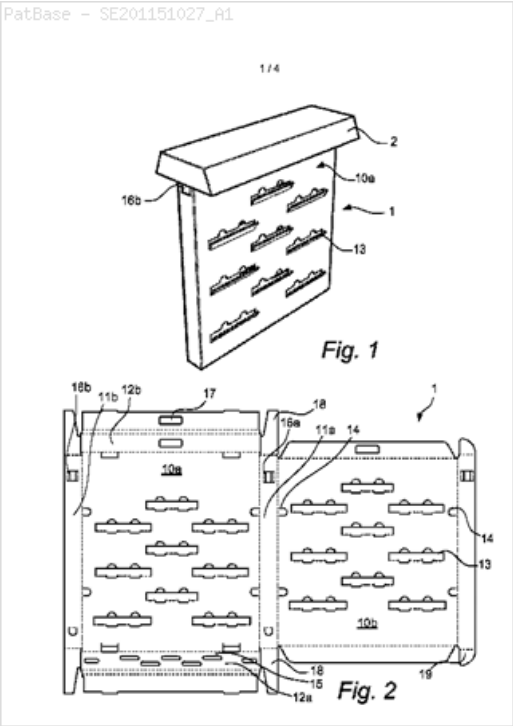
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Title: FAELLA FOER BARKBORRAR SAMT FOERFARANDE FOER INFANGST OCH AVLIVNING AV BARKBORRAR Faella Foer BARK DRILLS AND FOERFARANDE Foer capturing AND KILLING OF BARK DRILL (Machine translation)

Abstract: Source: SE201151027A [SV] (Claim 1) 1. Faella (1,1 ') foer flygande skadeinsekter, såsom barkborrar, omfattande: en uppsamlingsanordning, samt en fångstanordning, vilken aer anordnad att med hjaelp av ett doftaemne attrahera naemnda skadeinsekter så att dessa under flykt kolliderar med faellan och under inverkan av tyngdkraften faller vaesentligen nedåt och leds till uppsamlingsanordningen, kaennetecknad av att uppsamlingsanordningen innefattar en vaetskebehållare (3), innehållande en foersta vaetska och en andra vaetska, varvid den andra vaetskan har hoegre kokpunkt aen den foersta vaetskan, aer biologiskt nedbrytbar samt bildar en ytfilm på den foersta vaetskan.

Machine translation: (Claim 1) 1. Trap (1,1 ') for flying harmful insects, such as bark beetles, comprising: a collecting device, and a catch device, which is arranged to by means of a fragrance attract said insects so that during flight collide with the trap and under the influence of gravity falls substantially downwards and is led to the collecting device, characterized in that the collecting device comprises a liquid reservoir (3) containing a first liquid and a second liquid, the second liquid has a higher boiling point than the first liquid, is biodegradable and forms a surface film on the first liquid.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01M23/02 (Advanced/Invention)
CPC: A01M1/02 A01M1/106 A01M23/02 A01M2200/012



Family:

Publication number	Publication date	Application number	Application date
SE201151027 A1	20130503	SE20110051027	20111102

Priority:

SE20110051027 20111102

Probable Assignee: ELLEGE CONSULTING AB

Assignee(s): (std): ELLEGE CONSULTING AB
Inventor(s): (std): GUSTAFSSON LARS ERIK
Inventor(s): LARS ERIK GUSTAFSSON

228) Family number: 34298524 (US2008124344A)

Title: NOVEL GENE DISRUPTIONS, COMPOSITIONS AND METHODS RELATING THERETO

Abstract: The present invention relates to transgenic animals, as well as compositions and methods relating to the characterization of gene function. Specifically, the present invention provides transgenic mice comprising disruptions in PRO226, PRO257, PRO268, PRO290, PRO36006, PRO363, PRO365, PRO382, PRO444, PRO705, PRO1071, PRO1125, PRO1134, PRO1155, PRO1281, PRO1343, PRO1379, PRO1380, PRO1387, PRO1419, PRO1433, PRO1474, PRO1550, PRO1571, PRO1572, PRO1759, PRO1904, PRO35193, PRO4341, PRO4348, PRO4369, PRO4381, PRO4407, PRO4425, PRO4985, PRO4989, PRO5737, PRO5800, PRO5993, PRO6017, PRO7174, PRO9744, PRO9821, PRO9852, PRO9873, PRO10196, PRO34778, PRO20233, PRO21956, PRO57290, PRO38465, PRO38683 or PRO85161 genes. Such in vivo studies and characterizations may provide valuable identification and discovery of therapeutics and/or treatments useful in the prevention, amelioration or correction of diseases or dysfunctions associated with gene disruptions such as neurological disorders; cardiovascular, endothelial or angiogenic disorders; eye abnormalities; immunological disorders; oncological disorders; bone metabolic abnormalities or disorders; lipid metabolic disorders; or developmental abnormalities.



Classifications:
International (IPC 8-9): A01K67/00 A01K67/027 A61K38/00 A61K39/395 A61K45/00 A61K49/00 A61P1/04 A61P1/16 A61P11/00 A61P11/02 A61P11/06 A61P13/12 A61P17/00 A61P17/06 A61P19/02 A61P19/10 A61P25/00 A61P25/18 A61P25/20 A61P25/22 A61P25/24 A61P25/28 A61P27/02 A61P27/06 A61P27/12 A61P29/00 A61P3/10 A61P35/00 A61P37/02 A61P37/06 A61P37/08 A61P43/00 A61P9/00 A61P9/04 A61P9/08 A61P9/10 A61P9/12 C07K14/705 C07K16/18 C07K16/28 C07K19/00 C12N1/15 C12N1/19 C12N1/21 C12N15/09 C12N15/85 C12N5/06 C12N5/10 C12P21/02 C12Q1/00 C12Q1/02 C12Q1/68 G01N33/00 G01N33/15 G01N33/483 G01N33/50 G01N33/92 (Advanced/Invention);
A01K67/027 C07K14/47 C12N15/12 C12N15/85 C12P21/08 (Advanced/Non-invention);
A01K67/00 A01K67/027 A61K38/00 A61K39/395 A61K45/00 A61K49/00 A61P1/00 A61P11/00 A61P13/00 A61P17/00 A61P19/00 A61P25/00 A61P27/00 A61P29/00 A61P3/00 A61P35/00 A61P37/00 A61P43/00 A61P9/00 C07K14/435 C07K16/18 C07K19/00 C12N1/15 C12N1/19 C12N1/21 C12N15/09 C12N15/85 C12N5/06 C12N5/10 C12P21/02 C12Q1/02 C12Q1/68 G01N33/15 G01N33/50 (Core/Invention);
A01K67/027 C12P21/08 (Core/Non-invention);
A01K A61K C12N (Subclass/Invention)
CPC: A01K2217/075 A01K2267/0306 A01K2267/0362 A01K2267/0375 C12N15/8509
European: C12N15/85A K01K217/07B K01K267/03A K01K267/03K2 K01K267/03K4
US: 424/172.1 424/172.100P 435/29 800/13 800/13S 800/3 800/3P 800/3S 800/9 800/9S

Family:

Publication number	Publication date	Application number	Application date
AU2006280321 AA	20070222	AU20060280321	20060718
CA2619577 AA	20080215	CA20062619577	20060718
EP1922410 A2	20080521	EP20060787655	20060718
EP1995321 A2	20081126	EP20080012913	20060718
JP2009219499 A2	20091001	JP20090129694	20090528
JP2009504183 T2	20090205	JP20080526937T	20060718
US2008124344 AA	20080529	US20060814549	20060718
US2011173708 AA	20110714	US20110031009	20110218
US2012272341 AA	20121025	US20120473322	20120516
US7931902 BB	20110426	US20060814549	20060718
US8207396 BB	20120626	US20110031009	20110218
WO07021423 A2	20070222	WO2006US27777	20060718
WO07021423 A3	20070628	WO2006US27777	20060718
ZA200800970 A	20091028	ZA20080000970	20060718

Priority:

US20050708312P 20050815 EP20060787655 20060718 JP20080526937 20060718
US20060814549 20060718 JP20080526937T 20060718 WO2006US27777 20060718
US20070814549 20070723 US20110031009 20110218 US20120473322 20120516

Probable Assignee: LEXICON PHARMACEUTICALS INC

Assignee(s): (std): BYERS HORNER ALLISON ANNE ; COMBS KATHERIN ; COMBS KATHERIN E ; COMBS KATHERINE E ; CULBERTSON LING LING ; DE SAUVAGE FREDERIC ; FAN LIANGFEN ; GENENTECH INC ; GREEN LESLIE JANE ; FRANTZ GRETCHEN ; DESAUVAGE FREDERIC ; LEXICON GENETICS INC ; DELMAS MATA JUAN ; LEXICON PHARMACEUTICALS INC ; HORNER ALLISON ANNE BYERS ; PEALE FRANKLIN JR ; MCLAIN DINA REBECCA ; WILLIS SEVAUX TRACY ELLEN ; WANG CHING YUN ; XIONG WEN ; MONTGOMERY CHUCK ; SHI ZHENG ZHENG ; MASSEY ERIN MARIE ; SPARKS MARY JEAN ; ROHRER MICHELLE ; PAYNE BOBBY JOE ; TANG TRACY TZU LING ; STALA JOY ; PHILLIPS HEIDI ; VOGEL PETER ; MONTGOMERY CHARLES A ; SEVAUX TRACY ELLEN WILLIS ; XIONG WEI ; PEALE FRANKLIN ; MONTGOMERY CHARLES ; STALA JOY ANNE

Assignee(s): GENETECH INC

Inventor(s): (std): FAN LIANGFEN ; PEALE FRANKLIN JR ; CULBERTSON LING LING ; WANG CHING YUN ; MCLAIN DINA REBECCA ; GREEN LESLIE JANE ; FRANTZ GRETCHEN ; WILLIS SEVAUX TRACY ELLEN ; BYERS HORNER ALLISON ANNE ; DESAUVAGE FREDERIC ; COMBS KATHERIN ; XIONG WEN ; MONTGOMERY CHUCK ; SHI ZHENG ZHENG ; MASSEY ERIN MARIE ; SPARKS MARY JEAN ; ROHRER MICHELLE ; PAYNE BOBBY JOE ; TANG TRACY TZU LING ; STALA JOY ; PHILLIPS HEIDI ; DELMAS MATA JUAN ; VOGEL PETER ; MARIE MASSEY ERIN ; JEAN SPARKS MARY ; ZHENG ZHENG SHI ; JOE PAYNE BOBBY ; HEIDI PHILLIPS ; TZU LING TANG TRACY ; LING CULBERTSON LING ; GRETCHEN FRANTZ ; CHING YUN WANG ; WEN XIONG ; REBECCA MCLAIN TOM DINA ; MICHELLE ROHRER ; DE SAUVAGE FREDERIC J ; JUAN DELMAS MATA ; ANNE STALA JOY ; FRANKLIN PEALE JR ; PETER VOGEL ; JANE GREEN LESLIE ; LIANGFEN FAN ; DE SAUVAGE FREDERIC ; PEALE FRANKLIN ; MONTGOMERY CHARLES ; SEVAUX TRACY E W ; COMBS

	KATHERIN E ; XIONG WEI ; SEVAUX TRACY ELLEN WILLIS ; MONTGOMERY CHARLES A ; COMBS KATHERINE E ; HORNER ALLISON ANNE BYERS ; STALA JOY ANNE ; TANG TRACY TSU LING
Inventor(s):	MCLAIN TOM DINA REBECCA ; PEALE JR FRANKLIN ; SEVAUX TRACY EW ; LESLIE JANE GREEN ; FRANKLIN JR PEALE ; JOY ANNE STALA ; BOBBY JOE PAYNE ; ALLISON ANNE BYERS HORNER ; TRACY TZU LING TANG ; LING LING CULBERTSON ; CHUCK MONTGOMERY ; FREDERIC DESAUVAGE ; MARY JEAN SPARKS ; KATHERIN COMBS ; TRACY ELLEN WILLIS SEVAUX ; DINA REBECCA MCLAIN ; ERIN MARIE MASSEY
Agent(s):	GRIFFITH HACK; SMART AND BIGGAR; DENISON CHRISTOPHER MARCUS ET AL; GENENTECH INC; BONNY; CHRISTOPHER; GINGER R; ARNOLD AND PORTER LLP
Designated states:	AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR 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 MG MK ML MN MR MW MX 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 SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

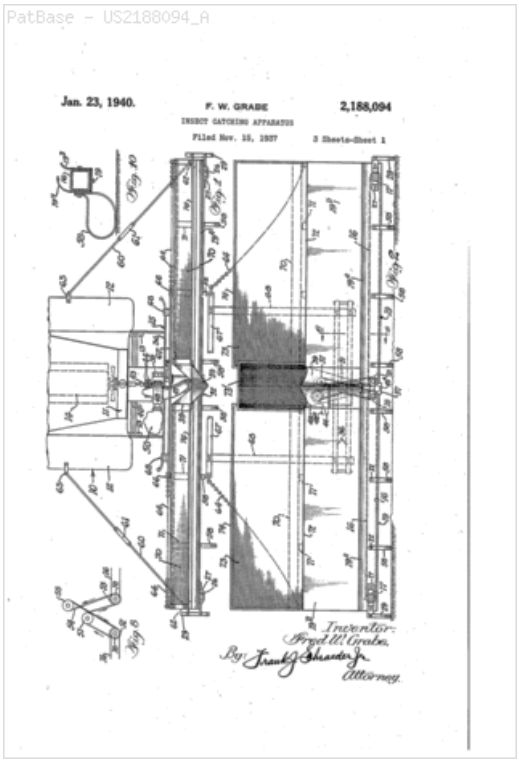
229) Family number: 21150525 (US2188094A)

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Title: INSECT CATCHING APPARATUS

Abstract: 1. Insect catching apparatus comprising a power-propelled vehicle having a motor thereon, a laterally disposed trough supported at one end of said vehicle, a conveyor in said trough, resilient shoes for supporting said trough and conveyor on the ground over which the vehicle is propelled, a wall extending upwardly from said trough adapted to engage insects in their Bight and to fend the insects into said trough onto said conveyor, a receiver, means at the end of said conveyor for discharging the insects into said receiver, and means for operatively connecting said conveyor with said motor on the vehicle.

Classifications:
International (IPC 8-9): A01M5/08 (Advanced/Invention); A01M5/00 (Core/Invention)
International (IPC 1-7): A01M5/08
CPC: A01M5/08
European: A01M5/08
US: 43/140



Family:

Publication number	Publication date	Application number	Application date
US2188094 A	19400123	US19370174510	19371115

Priority:
US19370174510 19371115

Probable Assignee:	GRABE FRED W
Assignee(s): (std):	GRABE FRED W
Inventor(s): (std):	GRABE FRED W

230) Family number: 61052527 (MX354396B)

© PatBase

Title: PROLONGED-ACTION DEVICE FOR MONITORING AND CONTROLLING FRUIT FLIES (DIPTERA:TEPHRITIDAE).

Abstract: The invention refers to a method and device for the prolonged monitoring and control of fruit flies of the Tephritidae family. This invention combines for first time visual stimuli with baits and liquid insecticides used in the chemical combat of flies. The innovation of this product lies in the device that releases the mixture, which is based on the barometer of Torricelli, which is inserted in the inner portion of a sphere which size and color are attractive to flies, which enables the insecticide-bait mixture to be released by a prolonged time and which simultaneously allows the biological activity of the components to be maintained. The invention, compared to other traps, is advantageous due to its capacity to attract and retain flies. Another advantage refers to the re-baiting services, which are performed every 3 months. Another advantage is that even though it is a wet trap, it can be checked in the same manner as dry traps, since the liquid is not sieved for separating the cap tured flies.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/06

A01M1/10 (Advanced/Invention);
A01M1/00 (Core/Invention)

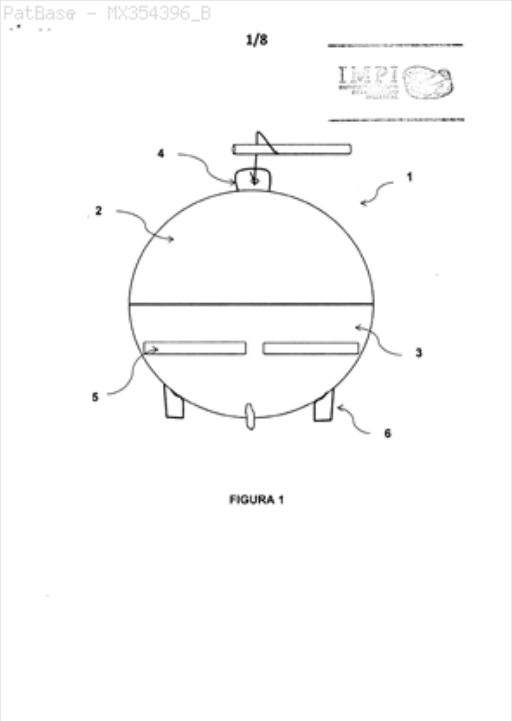


FIGURA 1

Family:

Publication number	Publication date	Application number	Application date
MX2014001788 A1	20150806	MX20140001788	20140206
MX354396 B	20180221	MX20140001788	20140206

Priority:

MX20140001788 20140206

Probable Assignee: UNIV VERACRUZANA

Assignee(s): (std)**:** UNIV VERACRUZANA

Assignee(s): UNIVERSIDAD VERACRUZANA

Inventor(s): (std)**:** STAPLES DIANA FOLGER PEREZ ; FRANCISCO DIAZ FLEISCHER ; FLEISCHER FRANCISCO DIAZ ; DIANA FOLGER PEREZ STAPLES

231) Family number: 44337530 (ES1071222U)

© PatBase

Title: TRAMPA PARA LA CAPTURA DE INSECTOS TRAP FOR THE CAPTURE OF INSECTS (Machine translation)

Abstract: Source: ES1071222U [ES] 1. Trampa para la captura de insectos que comprende un recipiente provisto de una base en cuyo interior se dispone una composicion atrayente de insectos y unos medios de cierre y al menos una pared lateral en la que se practican multiples orificios caracterizada porque esta constituida por un cuerpo cilindrico hueco cerrado en su base (1), un medio de cierre en la parte superior de dicho cilindro que consiste en una tapa roscada (2), un disco (3) de diametro correspondiente al cuerpo cilindrico hueco (1), dispuesto en el interior del cilindro (1) y sobre su base interior, en cuyo centro se practica un orificio concentrico (4) de tamano adecuado para alojar un minivial (5), de forma que el minivial (5) se mantenga vertical y perpendicularmente a la superficie del disco (3), conteniendo el minivial (5) una sustancia atrayente para insectos y porque en la parte superior del cilindro hueco (1) se practican multiples orificios (6) distribuidos por todo su perimetro e inmediatamente pordebajo de la correspondiente tapa roscada (2).

Machine translation: 1. Trap for catching insects comprising a container provided with a base into which provides an insect attractant composition and closing means and at least one side wall in which multiple openings are practiced characterized in that is constituted by a cylindrical body closed at its hollow base (1), a closure means at the top of said cylinder consisting of a screw cap (2), a disc (3) of diameter corresponding to the hollow cylindrical body (1), arranged inside the cylinder (1) and on its base interior, in whose center is practiced a concentric hole (4) of adequate size to accommodate a minivial (5), so that the minivial (5) is kept vertical and perpendicular to the surface of disc (3), containing the minivial (5) an attractant for insects and because in the upper hollow cylinder (1) are performed by multiple holes (6) distributed around its perimeter and immediately pordebajo of the corresponding screw cap (2).

Classifications:
International (IPC 8-9): A01M1/02 (Advanced/Invention);
A01M1/02 (Core/Invention)

PatBase - ES1071222_UA

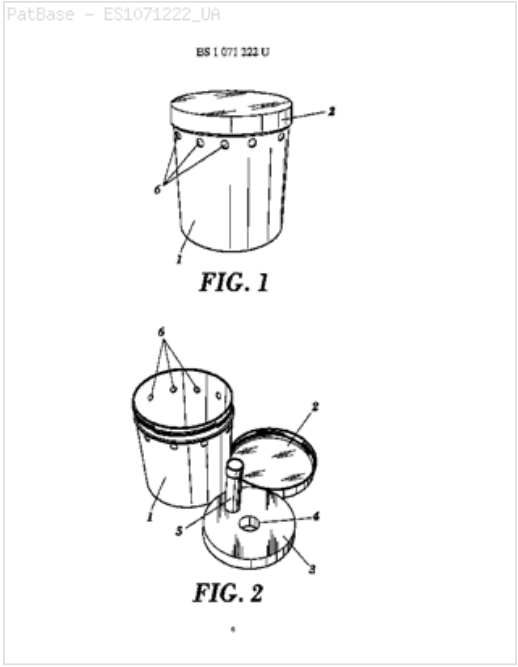


FIG. 1

FIG. 2

Family:

Publication number	Publication date	Application number	Application date
ES1071222 UA	20100205	ES20090030547U	20091020
ES1071222 Y1	20100505	ES20090030547U	20091020

Priority:

ES20090030547U 20091020

Probable Assignee: AROTZ FOODS S A

Assignee(s): (std)**:** AROTZ FOODS S A

Inventor(s): (std)**:** PEREZ ANDUEZA GUILLERMO ; RUIZ BABARIN JOSE IGNACIO ; SAUCEDO BERGUIO CESAR

232) Family number: 34673530 (ES1056262Y)

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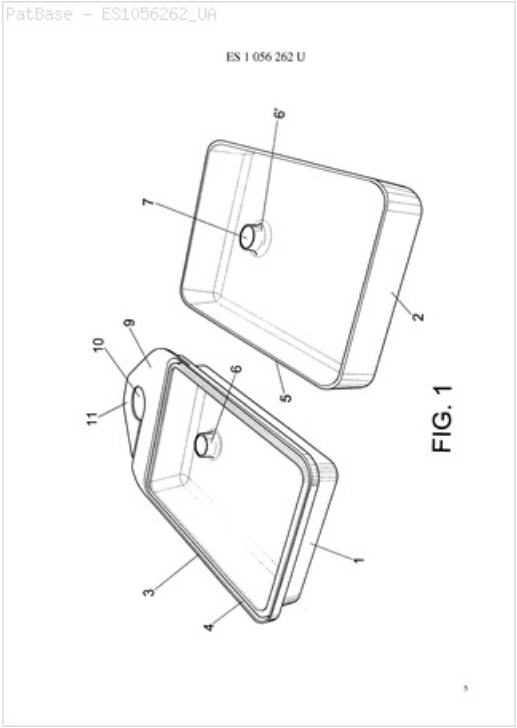
Title: TRAMPA PARA INSECTOS.

Abstract: Source: ES1056262U [ES] 1. Trampa para insectos, del tipo de las que configuran un receptaculo contenedor de un producto atrayente para los insectos, dotado de un pequeno orificio para acceso de los mismos a su interior, situado sobre una pared transparente de dicho receptaculo, caracterizada porque el citado receptaculo esta constituido mediante la combinacion de dos piezas, a modo de cazoletas, ligeramente divergentes hacia su embocadura, estando provista una de dichas piezas a nivel de la citada embocadura de un regruesamiento perimetral afectado por una ranura asimismo perimetral, en la que encaja ajustadamente, con un acoplamiento machihembrado, la embocadura de la otra pieza, de manera que tal acoplamiento machihembrado determina tanto la fijacion mecanica de ambas piezas como un acoplamiento estanco para las mismas.

Machine translation: 1. Insect trap of the type that form a receptacle container of an attractant for insects, provided with a small hole for access to its interior, located on a transparent wall of said receptacle, wherein said receptacle is constituted by the combination of two pieces, for cups, slightly divergent toward its mouth, being provided with one of said parts at the level of the said mouth a perimetral thickened portion affected by a peripheral groove in which fits snugly, also with a tongue and groove coupling, the mouth of the other piece, so that such a tongue and groove coupling determines both the mechanical fixing of the two parts as a sealing engagement for the same.

Classifications:
International (IPC 8-9): A01M1/10 (Advanced/Invention);
A01M1/00 (Core/Invention)
International (IPC 1-7): A01M1/10

PatBase - ES1056262_UA



Family:

Publication number	Publication date	Application number	Application date
ES1056262 UA	20040301	ES20030002798U	20031204
ES1056262 Y1	20040616	ES20030002798U	20031204

Priority:

ES20030002798U 20031204

Probable Assignee: UTIPLAS S L

Assignee(s): (std)**:** UTIPLAS S L ; UTIPLAS SL

Inventor(s): (std)**:** RODRIGUEZ PIRIS ALBERTO

233) Family number: 30974531 (US2004185088A)

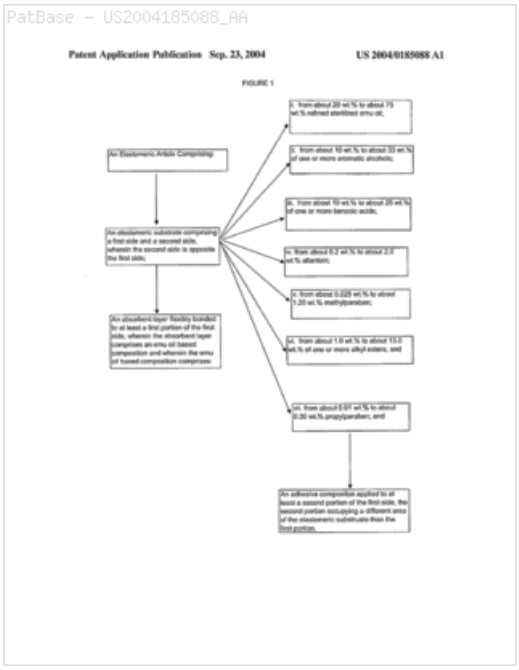
© PatBase

Title: EMU OIL BASED METHODS AND COMPOSITIONS FOR ELASTOMERIC DEVICES

Abstract: An elastomeric article is described herein. The elastomeric article generally includes an elastomeric substrate, the elastomeric substrate including a first side and a second side, wherein the second side is opposite the first side. The elastomeric substrate further includes an absorbent layer flexibly bonded to at least a first portion of the first side. The absorbent layer includes an emu oil based composition. The elastomeric article further includes an adhesive composition applied to at least a second portion of the first side, the second portion occupying a different area of the elastomeric substruate than the first portion. The emu oil based composition includes from about 20 weight percent to about 75 weight percent of refined sterilized emu oil, from about 10 weight percent to about 33 weight percent of one or more aromatic alcohols, from about 10 weight percent to about 25 weight percent of one or more benzoic acids, from about 0.2 weight percent to about 2.0 weight percent of allantoin, from about 0.025 weight percent to about 1.25 weight percent of methylparaben, from about 1.0 weight percent to about 13.0 weight percent of one or more alkyl esters and from about 0.01 weight percent to about 0.30 weight percent of propylparaben.

Classifications:

International (IPC 8-9): A61K35/12 A61K35/57 A61L15/34 A61L15/40 A61L31/10 (Advanced/Invention);
A61K35/12 A61L15/16 A61L31/08 (Core/Invention)
International (IPC 1-7): A01N25/34 A61K35/12 A61K9/70
CPC: A61K8/0208 A61K8/981 A61K31/4168 A61K2800/10 A61L15/34 A61K35/57 A61L15/40 A61L31/10 A61K8/37 A61K8/4946 A61K8/925 A61Q19/00 A61Q19/10
European: A61K35/12 A61L15/34 A61L15/40 A61L15/58 A61L31/10
US: 424/443 424/443P 424/522 424/522P 424/522S 514/389 514/389S 514/568 514/568S



Family:

Publication number	Publication date	Application number	Application date
US2004185088 AA	20040923	US20030439816	20030516
US2004185115 AA	20040923	US20030439889	20030516
WO04103073 A1	20041202	WO2004US13300	20040514

Priority:

US20020381418P 20020517 US20030439816 20030516 US20030439889 20030516

Probable Assignee: PEARSON RESEARCH AND DEVELOPMENT LTD

Assignee(s): (std)**:** BARR TERESA LEIGH ; PEARSON MAURINE ; PEARSON RES AND DEV LTD

Assignee(s): PEARSON RESEARCH AND DEVELOPMENT LIMITED ; PEARSON RESEARCH AND DEVELOPMENT LTD

Inventor(s): (std)**:** PEARSON MAURINE ; BARR TERESA LEIGH ; BARR THERESA

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG 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 NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

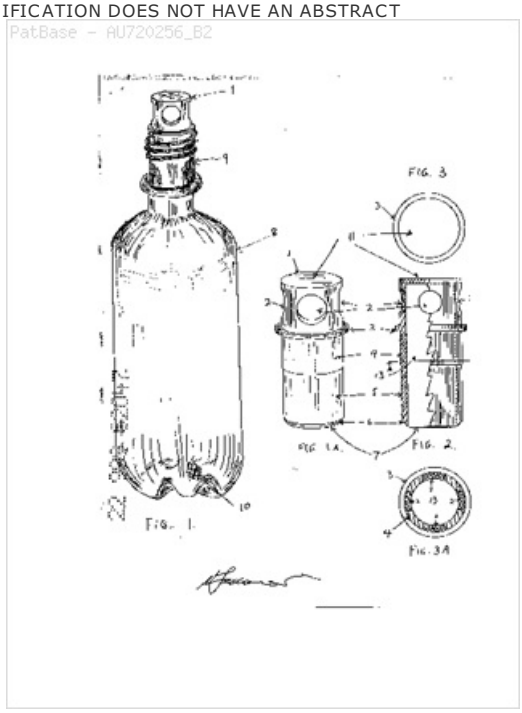
234) Family number: 8548538 (AU720256B)

© PatBase

Title: Bottle top fly trap

Abstract: EDITORIAL NOTE FOR APPLICATION 62047/96 THIS SPECIFICATION DOES NOT HAVE AN ABSTRACT

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/02 A01M1/10



Family:

Publication number	Publication date	Application number	Application date
AU199662047 A1	19970220	AU19960062047	19960813
AU489895 A0	19950914	AU1995PN04898	19950817
AU720256 B2	20000525	AU19960062047	19960813

Priority:

AU1995PN04898 19950817 AU19960062047 19960813

Probable Assignee: FEDOROW V

Assignee(s): (std)**:** FEDOROW V ; VICTOR FEDOROW

Assignee(s): FEDOROW VICTOR

Inventor(s): (std)**:** FEDOROW VICTOR

Inventor(s): VICTOR FEDOROW

Agent(s): VICTOR FEDOROW

235) Family number: 918538 (US3523999A)

Title: METHODS FOR CONTROLLING INSECTS AND MITES WITH ANISYL CHLOROMETHYLPHOSPHONODITHIOATES

Abstract: (Claim 1) 1. A method of controlling insect and mite pests which comprises contacting the pests with a pesticidal amount of at least one compound having the formula: OICH2 S OCH3 RO wherein R is lower alkyl.

Classifications:
International (IPC 8-9): A01N57/22 C07F9/40 (Advanced/Invention)
International (IPC 1-7): A01N57/00 A01N9/36 C07F9/40
CPC: A01N57/22 C07F9/4006 C07F9/4084
European: A01N57/22 C07F9/40A1 C07F9/40C4
US: 260/951 424/217 514/130 558/197 987/149 987/160

Family:

Publication number	Publication date	Application number	Application date
US3442985 A	19690506		19651013
US3523999 A	19700811	US19680801894	19681219

Priority:

US19650495721 19651013 US19680801894 19681219

Probable Assignee: STAUFFER CHEMICAL CO

Assignee(s): (std)**:** STAUFFER CHEMICAL CO

Assignee(s): STAUFFER CHEM CO

Inventor(s): (std)**:** FEARING RALPH B

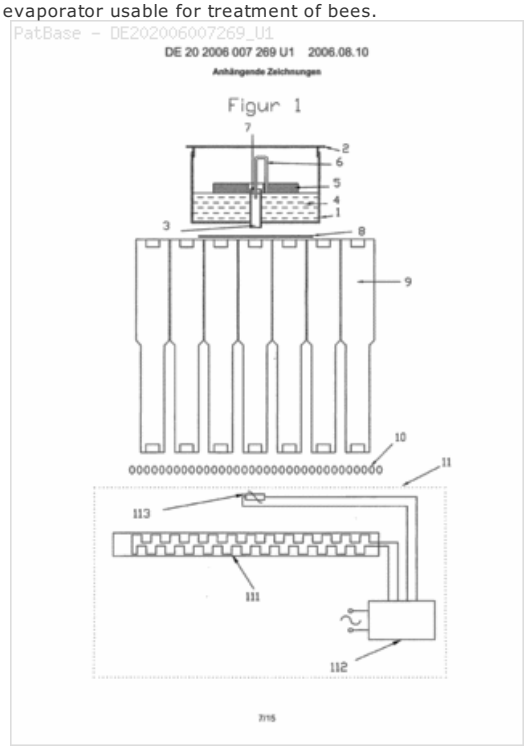
Inventor(s): RALPH B FEARING

236) Family number: 33199542 (DE202006007269U1)

Title: HIVE FOR COMBATTING OF BEE PARASITES BY MEANS OF A HEATER UNIT WITH A ELECTRICALLY HEATED ELEMENT AND AN EVAPORATOR COMPRISES HIVE ENTRANCES IN THE FORM OF ROUND HOLES

Abstract: The hive for combatting of bee parasites by means of a heater unit (11) with a electrically heated element (111) and an evaporator (8) comprises hive entrances in the form of round holes located in the top third of a side wall, preferably below a nest frame (9). An independent claim is also included for an evaporator usable for treatment of bees.

Classifications:
International (IPC 8-9): A01K47/06 A01K51/00 (Advanced/Invention); A01K47/00 A01K51/00 (Core/Invention)
CPC: A01K51/00
European: A01K51/00



Family:

Publication number	Publication date	Application number	Application date
DE202006007269 U1	20060706	DE200620007269U	20060506

Priority:

DE200620007269U 20060506

Probable Assignee: KALINKA WILFRIED

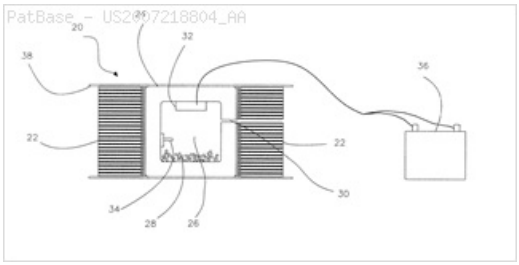
Assignee(s): (std)**:** KALINKA WILFRIED

237) Family number: 36078544 (US2007218804A)

Title: PORTABLE ON-SITE INCUBATOR FOR BEES AND BEE NEST

Abstract: An apparatus for providing solitary bees for pollination, comprising a bee nest and a portable on-site incubator. The bee nest can comprise a plurality of corrugated sheets, each sheet comprising a plurality of flutes. When the sheets are stacked together, the flutes form cavities arranged in a tessellating pattern. The portable incubator can comprise a chamber for holding dormant adult bees, an opening providing access to the chamber, a passage for exiting of bees from the chamber, means for heating the chamber, means for controlling chamber temperature, and a power supply. Dormant adult bees placed in the incubator are stimulated into activity and leave the incubator. Female bees that leave later lay eggs in the bee nest.

Classifications:
International (IPC 8-9): A01K47/00 A01K47/06 A01K49/00 (Advanced/Invention);
A01K47/00 A01K49/00 (Core/Invention)
CPC: A01K47/00 A01K49/00 A01K67/033
European: A01K47/00 A01K49/00 A01K67/033
US: 449/4 449/4P



Family:

Publication number	Publication date	Application number	Application date
CA2646908 AA	20080917	CA20072646908	20070316
CN101453887 A	20090610	CN200780017444	20070316
EP2003959 A2	20081224	EP20070734997	20070316
EP2039244 A2	20090325	EP20080020829	20070316
EP2039244 A3	20090401	EP20080020829	20070316
JP2009529907 T2	20090827	JP20090500964T	20070316
US2007218804 AA	20070920	US20070687523	20070316
WO07122513 A2	20071101	WO2007IB01989	20070316
WO07122513 A3	20080904	WO2007IB01989	20070316

Priority:

US20060783741 20060317 US20060783741P 20060317 EP20070734997 20070316
US20070687523 20070316 WO2007IB01989 20070316

Probable Assignee: ALLAN MATTHEW JAMES

Assignee(s): (std)**:** ALLAN MATTHEW J ; ALLAN MATTHEW JAMES ; ALLEN MATTHEW JAMES ; JAMES ALLEN MATTHEW ; O TOOLE CHRISTOPHER A ; O TOOLE CHRISTOPHER ANSELM

Inventor(s): (std)**:** ALLAN MATTHEW J ; ALLAN MATTHEW JAMES ; ALLEN MATTHEW JAMES ; JAMES ALLEN MATTHEW ; O TOOLE CHRISTOPHER A ; O TOOLE CHRISTOPHER ANSELM

Inventor(s): ALLAN MATTHEW ; O TOOLE CHRISTOPHER

Agent(s): MARKS AND CLERK; HACKETT SEAN JAMES; FULBRIGHT AND JAWORSKI LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM 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 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

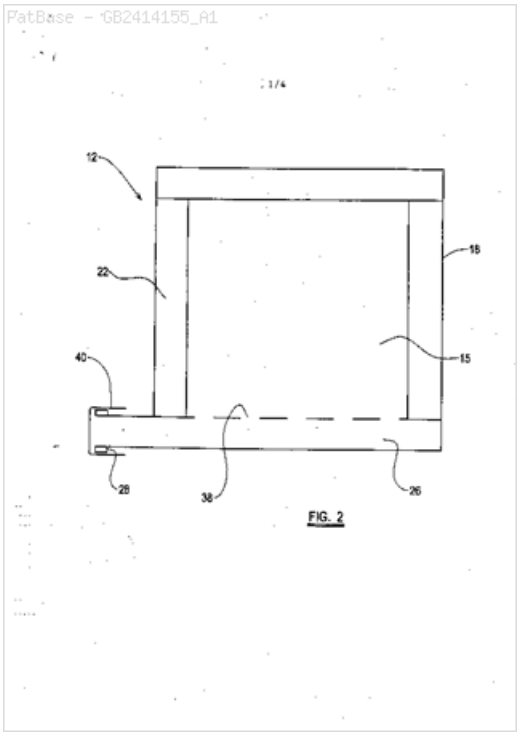
238) Family number: 30738546 (GB2414155A)

Title: Insect trap with vacuum suction removal

Abstract: An insect trap 10 comprising an attachment 28 for a vacuum suction device for the removal of insects from the trap. To permit removal (in one embodiment) of insects from the trap, one of upper frame members 22 may comprise a hollow tube 26. The hollow tube 26 may comprise apertures 38 and may extend to provide an attachment 28 for a suction device. A small hole 32 may be provided in a mesh at the apex of a dome.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention);
A01M1/10 A01N65/00 (Advanced/Non-invention);
A01M1/00 A01M1/02 (Core/Invention);
A01M1/00 A01N65/00 (Core/Non-invention)
International (IPC 1-7): A01M1/02 A01M1/10 A01N65/00
CPC: A01M1/10 A01M1/106 A01M2200/012
European: A01M1/10 A01M1/10F K01M200/012 K01M201/02

PatBase - GB2414155_A1



Family:

Publication number	Publication date	Application number	Application date
GB200411199 A0	20040623	GB20040011199	20040520
GB200510292 A0	20050629	GB20050010292	20050520
GB2414155 A1	20051123	GB20050010292	20050520

Priority:

GB20040011199 20040520

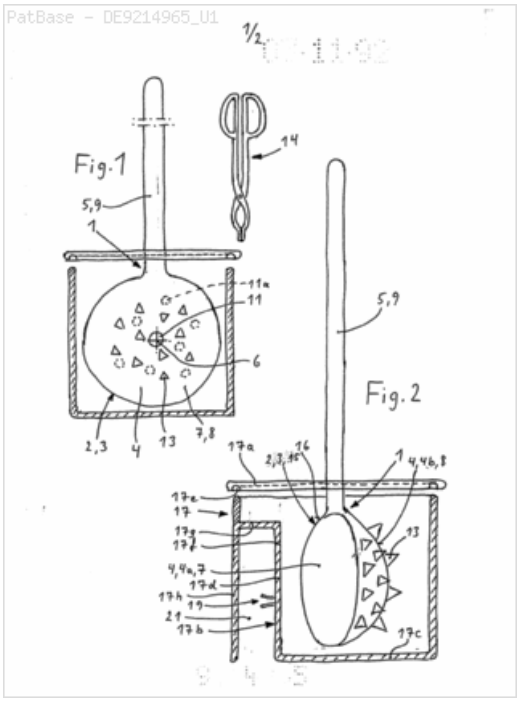
Probable Assignee:	EARTH DIRECT LTD
Assignee(s): (std)**:**	EARTH DIRECT LTD
Assignee(s):	EARTH DIRECT LIMITED
Inventor(s): (std)**:**	MILLWARD JOHN
Inventor(s):	JOHN MILLWARD

239) Family number: 17648547 (DE9214965U1) © PatBase

Abstract: Source: DE9214965U1 [DE] (Claim 1) Insektenfaenger, insbesondere fuer Wespen Ansprueche: 1. Insektenfaenger (1), insbesondere fuer Wespen, bestehend aus einem Fangteil (2) mit einer Fangflaeche (4) und einer Griffeinrichtung (5), an der der Insektenfaenger (1) manuell ergreifbar und mit der Fangflaeche (4) gegen ein Insekt bewegbar ist, wobei die Fangflaeche (4) mit einem Kleber versehen ist, dadurch gekennzeichnet, dass das Fangteil (2) eine raeumliche Koerperform aufweist und die Fangflaeche (4, 4a, 4b) konkav oder konvex geformt ist.

Machine translation: (Claim 1) Insektenfaenger, especially for wasps claims: first Insektenfaenger (1), especially for wasps, consisting of a catching part (2) with a Fangflaeche (4) and a control device (5), where the Insektenfaenger (1) can be moved manually gripped with the Fangflaeche (4) against an insect, where the Fangflaeche (4) is provided with an adhesive, characterized in that the catch element (2) has a spatial Koerperform and is the Fangflaeche (4, 4a, 4b), concave or convex.

Classifications:
International (IPC 8-9): A01M3/02 (Advanced/Invention);
A01M3/00 (Core/Invention)
International (IPC 1-7): A01M3/02
CPC: A01M3/002
European: A01M3/00 A01M3/00A A01M3/02



Family:

Publication number	Publication date	Application number	Application date
DE9214965 U1	19930204	DE19920014965U	19921103

Priority:

DE19920014965U 19921103

Probable Assignee: BALTHEISER KARL DR

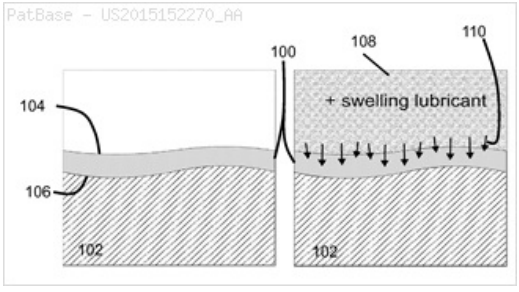
Assignee(s): BALTHEISER KARL DR ; BALTHEISER KARL DR 8201 BAD FEILNBACH DE

240) Family number: 55629550 (US2015152270A)

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Title: SLIPPERY SELF-LUBRICATING POLYMER SURFACES

Abstract: The present disclosure describes a strategy to create self-healing, slippery self-lubricating polymers. Lubricating liquids with affinities to polymers can be utilized to get absorbed within the polymer and form a lubricant layer (of the lubricating liquid) on the polymer. The lubricant layer can repel a wide range of materials, including simple and complex fluids (water, hydrocarbons, crude oil and bodily fluids), restore liquid-repellency after physical damage, and resist ice, microorganisms and insects adhesion. Some exemplary applications where self-lubricating polymers will be useful include energy-efficient, friction-reduction fluid handling and transportation, medical devices, anti-icing, optical sensing, and as self-cleaning, and anti-fouling materials operating in extreme environments.



Classifications:

International (IPC 8-9): A01N25/10 A61K9/00 A61L29/08 A61L29/14 A61L31/04 A61L31/06 A61L31/14 A61L33/00 A61M25/16 B01D65/08 B05D3/10 B05D5/00 B05D5/08 B08B17/00 B08B17/02 B08B17/06 B32B27/00 B32B27/18 C08J7/06 C08J9/36 C09D183/00 C09D183/08 C09D199/00 C09D201/00 C09D201/02 C09D5/00 C09D5/16 C09D7/12 C09D7/40 C10M101/02 C10M105/02 C10M105/04 C10M105/06 C10M105/32 C10M105/50 C10M105/74 C10M105/76 C10M107/02 C10M107/34 C10M107/38 C10M107/50 C10M139/04 C10M155/02 C10M159/04 C10M159/08 C10M159/10 C10M169/04 C10M171/00 (Advanced/Invention); B05D5/08 (Advanced/Non-invention)

CPC: C09D5/1637 B08B17/025 B08B17/065 B01D65/08 B01D2321/00 A61L29/16 B63B1/34 B63B5/24 Y02T70/121 Y02T70/123 C08J9/365 A01N25/10 A61L31/146 A61L31/048 B05D5/086 C08J2383/04 C08J2333/16 C08J2207/10 C08J2205/024 B05D2490/00 B05D2506/10 B05D2518/10 A61L29/146 B63B1/36 C09D5/1687 A61L31/04 A61L31/049 A61L31/06 A61L31/14 B05D5/08 C09D5/1693 C09D201/005 C10M171/00 C10M2203/1006 C10M2229/025 C10M2229/0515 C10N2250/18 C10N2270/00 C08L83/04 A61L29/085 A61L29/14 A61L2400/10 C08J2300/00 C09D5/1675 C10M105/76 C08J7/06 C10M139/04

US: 134/26 210/500.27 427/340 427/372.2 508/100 508/106 508/107 508/110 514/772.3 514/772.4 521/55

Family:

Publication number	Publication date	Application number	Application date
AU2013289879 AA	20140116	AU20130289879	20130712
AU2013289879 BB	20170406	AU20130289879	20130712
CA2878683 AA	20150108	CA20132878683	20130712
CN104704067 A	20150610	CN201380047437	20130712
CN104704067 B	20180410	CN201380047437	20130712
EP2872572 A1	20150520	EP20130739596	20130712
EP2969258 A2	20160120	EP20140817833	20140313
EP2969258 A4	20161130	EP20140817833	20140313
IN00152KN2015 A	20151218	IN2015KN00152	20150116
JP2015531005 T2	20151029	JP20150521873T	20130712
JP2018076536 A2	20180517	JP20180005518	20180117
JP6279568 B2	20180214	JP20150521873T	20130712

KR20150033725 A	20150401	KR20157003707	20130712
US2015152270 AA	20150604	US20130414291	20130712
US2016032074 AA	20160204	US20140773611	20140313
US2018327608 AA	20181115	US20180973193	20180507
US9963597 BB	20180508	US20130414291	20130712
WO14012080 A1	20140116	WO2013US50406	20130712
WO14209441 A2	20141231	WO2014US25935	20140313
WO14209441 A3	20150402	WO2014US25935	20140313

Priority:

US20120670756P 20120712 US20130780683P 20130313 JP20150521873T 20130712
US20130414291 20130712 WO2013US50406 20130712 US20140773611 20140313
WO2014US25935 20140313 US20150414291 20150112 JP20180005518 20180117
US20180973193 20180507

Probable Assignee: PRESIDENT AND FELLOWS OF HARVARD COLLEGE

Assignee(s): (std): HARVARD COLLEGE

Assignee(s): KIM PHILSEOK ; HOWELL CAITLIN ; HATTON BENJAMIN ; WONG TAK SING ; NAVY SECRETARY OF UNITED STATES OF AMERICA ; US DEPARTMENT OF ENERGY ; YAO XI ; AIZENBERG JOANNA ; AIZENBERG MICHAEL ; CUI JIAXI ; DUNN STUART ; PRESIDENT AND FELLOWS OF HARVARD COLLEGE

Inventor(s): (std): AIZENBERG JOANNA ; AIZENBERG MICHAEL ; BENJAMIN HATTON ; CAITLIN HOWELL ; CUI JIAXI ; DUNN STUART ; HATTON BENJAMIN ; HOWELL CAITLIN ; JOANNA AIZENBERG ; KIM PHILSEOK ; MICHAEL AIZENBERG ; STUART DUNN ; VENA ALEX ; WONG TAK SING ; XI YAO ; YAO XI

Inventor(s): WONG TAK

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; SMART AND BIGGAR; HGF LTD; TANAKA MITSUO; YAMAZAKI HIROSHI; MATSUTANI MICHIKO; WILMER CUTLER PICKERING HALE AND DORR LLP; SCOZZAFAVA MARY ROSE ET AL

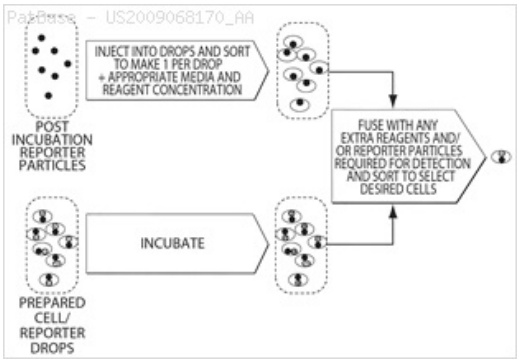
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241) Family number: 42856552 (US2009068170A)

Title: DROPLET-BASED SELECTION

Abstract: The present invention generally relates to fluidic droplets, and techniques for screening or sorting such fluidic droplets. In some embodiments, the fluidic droplets may contain cells (e.g., hybridoma cells) that can secrete various species, such as antibodies, for example. In one aspect, a plurality of fluidic droplets containing cells is screened to determine proteins, antibodies, polypeptides, peptides, nucleic acids, or the like. For example, cells able to secrete species such as antibodies may be selected according to certain embodiments of the invention. Examples of such cells include, for instance, immortal cells such as hybridomas, or non-immortal cells such as B-cells. For instance, blood cells may be encapsulated within a plurality of fluidic droplets, and the cells able to produce antibodies may be determined. In some cases, expression or secretion levels may be determined using signaling entities, for example, determinable microparticles present within the fluidic droplet. Other aspects of the invention relate to kits involving such fluidic droplets, methods of promoting the making or use of such fluidic droplets, and the like.

Classifications:
International (IPC 8-9): A01N1/02 A61K39/395 B01L3/00 B01L7/00 C12Q1/02 C40B30/00 C40B50/00 C40B60/14 G01N21/64 G01N33/50 G01N33/53 G01N33/543 G01N35/00 (Advanced/Invention); A01N1/02 A61K39/395 C12Q1/02 G01N21/64 G01N33/50 G01N33/53 G01N33/543 G01N35/00 (Core/Invention)
CPC: G01N33/505 G01N33/5052 G01N33/5436 G01N33/6854 B01L7/525 B01L2200/0621 B01L2300/0816 B01L2300/0819 B01L2300/087 B01L2300/1827 B01L2400/0487 B01L2400/086 G01N33/5008 G01N15/1459 G01N2015/149 B01F13/0071 B01F13/0076 B01L3/502784 G01N21/6452
European: B01L3/00C6M18C B01L3/5027J4 B01L7/00D2 B01L7/525 G01N21/64P2 G01N33/50D2 G01N33/50D2F2B G01N33/50D2F2D G01N33/543H G01N33/68B L01L200/06D L01L300/08B4 L01L300/08B6 L01L300/08E6 L01L300/18A8 L01L400/04M8 L01L400/08P2
US: 424/130.1 435/2 435/29 435/7.1 435/7.100S 435/7.2 435/7.92 435/7.920P 506/23 506/23S 506/40 506/40S 506/7 506/7P



Family:

Publication number	Publication date	Application number	Application date
US2009068170 AA	20090312	US20080172186	20080711
US2011190146 AA	20110804	US20090990102	20090428
US2012015382 AA	20120119	US20110195468	20110801
US2017225167 AA	20170810	US20170496750	20170425
US9664619 BB	20170530	US20090990102	20090428
WO09011808 A1	20090122	WO2008US08563	20080711
WO09134395 A2	20091105	WO2009US02644	20090428
WO09134395 A3	20100218	WO2009US02644	20090428

Priority:

US20070959358P 20070713 US20080048304P 20080428 US20080172186 20080711
US20090990102 20090428 WO2009US02644 20090428 US20110990102 20110316
US20110195468 20110801 US20170496750 20170425

Probable Assignee: GENERAL HOSPITAL CORP

Assignee(s): (std): GRIFFITHS ANDREW ; MOOTHA VAMSI K ; HARVARD COLLEGE ; GILBERT JOHN R ; HEYMAN JOHN ; MERTEN CHRISTOPH ; KOESTER SARAH ; WEITZ DAVID A ; SCHMITZ CHRISTIAN ; ROWAT AMY ; AGRESTI JEREMY ; BOEHM CHRISTIAN ; DUAN HONEY ; GEN HOSPITAL CORP

Assignee(s): GENERAL HOSPITAL CORP ; GENERAL HOSPITAL D B A MASSACHUSETTS GENERAL HOSPITAL CORP ; PRESIDENT AND FELLOWS OF HARVARD COLLEGE ; NATIONAL SCIENCE FOUNDATION

Inventor(s): (std): DUAN HONEY ; AGRESTI JEREMY ; GRIFFITHS ANDREW ; MOOTHA VAMSI K ; GILBERT JOHN R ; HEYMAN JOHN ; MERTEN CHRISTOPH ; KOESTER SARAH ; WEITZ DAVID A ; SCHMITZ CHRISTIAN ; ROWAT AMY ; BOEHM CHRISTIAN

Agent(s): WOLF GREENFIELD AND SACKS PC; OYER TIMOTHY J ET AL; OYER TIMOTHY J

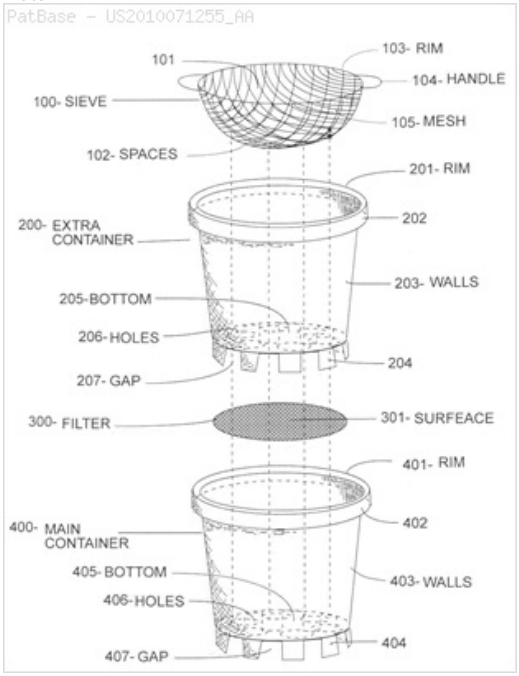
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242) Family number: 44662554 (US2010071255A)

Title: INFESTATION TESTER FOR SMALL INSECTS

Abstract: An insect infestation-blocking filter 300 is inserted into a main punctured container 400 with means to create gap thereunder. Filter 300 is placed on bottom 405 thereof to secure the main container's drain holes 406. An extra punctured container 200 with means to create gap thereunder is then stacked into the main container 400. Extra container's legs 204 stand on the filter 300 and press it down to main container's interior bottom 405. A sieve 100 is placed on top of the extra container 200. Sieve's handles 104 lean on extra container's rim 201. a fast-flow washable filter 300 may be used. Additional containers 200, filters 300 and sieves 100 can be added. Structure and materials allow fast drainage of fluids. All materials are washable, durable and reusable. All parts are removable and replaceable. A proper use yields within minutes easy to see evidence of infestation of small insects concentrated into about 7? diameter.

Classifications:
International (IPC 8-9): A01M3/00 (Advanced/Invention); A01M3/00 (Core/Invention)
CPC: A01M1/026 A01M5/02
European: A01M1/02E A01M5/02
US: 43/107



Family:

Publication number	Publication date	Application number	Application date
US2010071255 AA	20100325	US20080284784	20080925

Priority:
US20080284784 20080925

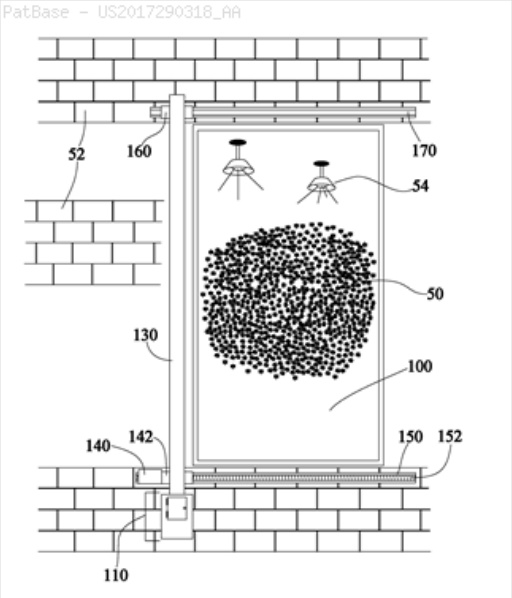
Probable Assignee: ZILBERSHLAG SHIMON
Assignee(s): (std): ZILBERSHLAG SHIMON
Inventor(s): (std): ZILBERSHLAG SHIMON
Agent(s): DR SHIMON ZILBERSHLAG

243) Family number: 67171555 (US2017290318A)

Title: STAGING SURFACE FLYING INSECT TRAP

Abstract: Devices are embodied that eliminate flying insect pests in quite a different way than others devices have used in the past. If insects are attracted to a surface large enough to accommodate their numbers and allowed to gather for a time without being restrained or bothered, it is possible by way of these embodiments at a single location to eliminate insects in very large number on a daily basis. Depending on a device's size and embodiment, from several hundred to far in excess of one hundred thousand flying insects per twenty-four hour period can be eliminated.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/06 A01M1/08 A01M1/10 A01M1/22 A01M1/24 A01N25/08 (Advanced/Invention)
CPC: A01M1/08 A01M1/023 A01M1/06 A01M1/106 A01M1/24 A01M1/223 A01M1/226



Family:

Publication number	Publication date	Application number	Application date
US2017290318 AA	20171012	US20170484103	20170410

Priority:

US20160320610P 20160410 US20170484103 20170410

Probable Assignee: BERGENGREN JOHN RODERIC

Assignee(s): (std)**:** BERGENGREN JOHN RODERIC

Inventor(s): (std)**:** BERGENGREN JOHN RODERIC

244) Family number: 67171557 (US2017290319A)

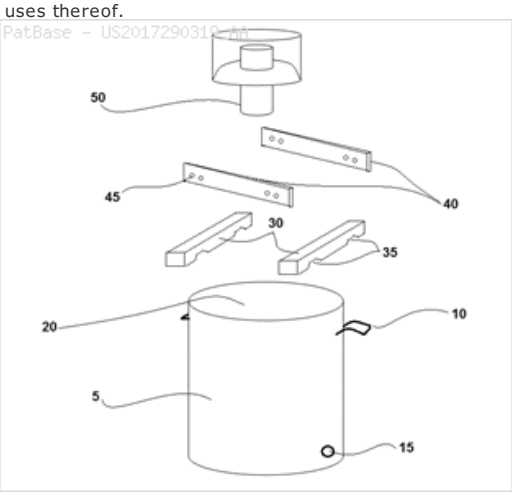
Title: LARGE VOLUME GRAVID TRAPS

Abstract: The disclosure provides for large volume gravid traps, and uses thereof.

Classifications:

International (IPC 8-9): A01M1/02 A01M1/08 A01M1/10 (Advanced/Invention)

CPC: A01M1/08 A01M1/106 A01M1/02



Family:

Publication number	Publication date	Application number	Application date
US2017290319 AA	20171012	US20170485406	20170412

Priority:

US20160321513P 20160412 US20170485406 20170412

Probable Assignee: THE UNIV OF CALIFORNIA

Assignee(s): (std)**:** UNIV CALIFORNIA

Assignee(s): THE UNIV OF CALIFORNIA

Inventor(s): (std)**:** WALTON WILLIAM E ; POPKO DAVID A

245) Family number: 30048557 (US2002114822A)

Title: Attractants for yellow jackets

Abstract: The invention relates to attractants for use in yellow jacket traps. The attractants have improved overall effectiveness in attracting yellow jackets, in attracting a broader spectrum of yellow jacket species and in attracting yellow

jackets in the several phases of their life cycles when their food requirements vary. The attractants are distinguished by the inclusion of a weak acid in the attractant formulation. The preferred weak acid is acetic acid and its preferred form is a vinegar.

Classifications:
International (IPC 8-9): A01N25/00 (Advanced/Invention);
A01N25/00 (Core/Invention)
International (IPC 1-7): A01N25/08 A01N37/02 A01N43/04 A01N63/00
CPC: A01N25/006
European: A01N25/00B4
US: 424/410 424/520 424/553 424/581 424/84 426/1 514/21 514/23 514/4.5 514/53 514/54 514/557

Family:

Publication number	Publication date	Application number	Application date
US2002114822 AA	20020822	US20000730878	20001207
US6652846 BB	20031125	US20000730878	20001207

Priority:

US20000199808P 20000426 US20000730878 20001207

Probable Assignee: LONG ROGER H

Assignee(s): (std): LONG ROGER H

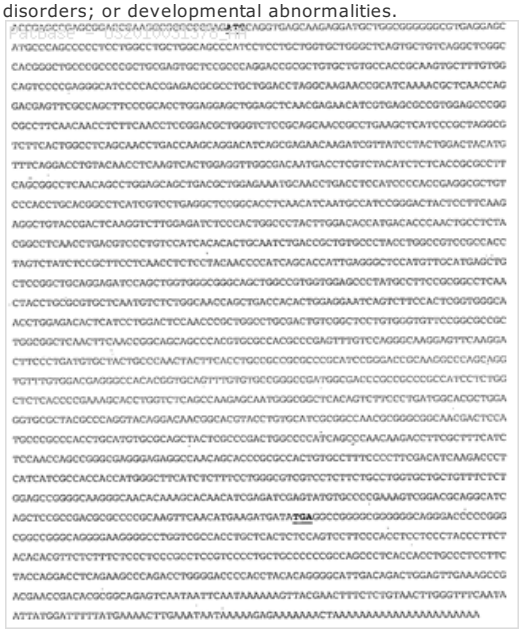
Inventor(s): (std): LONG ROGER H

246) Family number: 32195559 (US2010031378A)

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Title: NOVEL GENE DISRUPTIONS, COMPOSITIONS AND METHODS RELATING THERETO

Abstract: The present invention relates to transgenic animals, as well as compositions and methods relating to the characterization of gene function. Specifically, the present invention provides transgenic mice comprising disruptions in PRO227, PRO233, PRO238, PRO1328, PRO4342, PRO7423, PRO10096, PRO21384, PRO353 or PRO1885 genes. Such in vivo studies and characterizations may provide valuable identification and discovery of therapeutics and/or treatments useful in the prevention, amelioration or correction of diseases or dysfunctions associated with gene disruptions such as neurological disorders; cardiovascular, endothelial or angiogenic disorders; eye abnormalities; immunological disorders; oncological disorders; bone metabolic abnormalities or disorders; lipid metabolic disorders; or developmental abnormalities.



Classifications:
International (IPC 8-9): A01K67/00 A01K67/027 A61K39/395 A61K45/00 A61K48/00 A61P1/04 A61P1/16 A61P11/00 A61P11/06 A61P13/12 A61P17/00 A61P17/02 A61P17/06 A61P19/02 A61P19/08 A61P19/10 A61P25/00 A61P25/02 A61P25/18 A61P25/20 A61P25/22 A61P25/24 A61P25/28 A61P27/02 A61P27/06 A61P27/12 A61P27/16 A61P29/00 A61P3/00 A61P3/10 A61P35/00 A61P37/02 A61P37/06 A61P37/08 A61P7/00 A61P7/06 A61P9/00 A61P9/04 A61P9/08 A61P9/10 A61P9/12 C07K14/47 C07K16/18 C12N15/09 C12N15/63 C12N5/00 C12N5/06 C12N5/071 C12N5/10 C12Q1/00 C12Q1/02 C12Q1/68 G01N33/00 G01N33/15 G01N33/48 G01N33/483 G01N33/50 (Advanced/Invention);
A01K67/027 C12Q1/68 (Advanced/Non-invention);
A01K67/027 A61K39/395 A61K45/00 A61P1/00 A61P11/00 A61P13/00 A61P17/00 A61P19/00 A61P25/00 A61P27/00 A61P29/00 A61P3/00 A61P35/00 A61P37/00 A61P7/00 A61P9/00 C07K14/435 C07K16/18 C12N15/09 C12N5/10 C12Q1/02 C12Q1/68 G01N33/15 G01N33/483 G01N33/50 (Core/Invention);
A01K67/027 (Core/Non-invention);
A01K C07K (Subclass/Invention)
International (IPC 1-7): A01K67/027 C07K14/47
CPC: A01K2217/075 C07K14/47 Y10T436/146666 C12N15/8509 A61K51/1018 A61K49/0008 A01K2267/03 A01K2227/105 A01K2217/054 A01K67/0276 A61K47/6843 A61K47/6913
European: A01K67/027M2 A61K47/48T4B18 A61K47/48W6D2 A61K49/00H6 A61K51/10B18 C07K14/47 C12N15/85A K01K217/05B K01K217/07B K01K227/10M K01K267/03
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Family:

Publication number	Publication date	Application number	Application date
AU2005213965 AA	20050901	AU20050213965	20050127
AU2005213965 BB	20091119	AU20050213965	20050127
CA2555340 AA	20060802	CA20052555340	20050127
EP1713325 A2	20061025	EP20050712242	20050127
JP2007527712 T2	20071004	JP20060553147T	20050127
US2010031378 AA	20100204	US20080221669	20080804
US2011093960 AA	20110421	US20100907655	20101019
US2011191865 AA	20110804	US20090457708	20090603
US8227661 BB	20120724	US20100907655	20101019
WO05079566 A2	20050901	WO2005US02723	20050127
WO05079566 A3	20051222	WO2005US02723	20050127
ZA200606461 A	20080227	ZA20060006461	20050127

Priority:

US20040544195P 20040212 WO2005US02723 20050127 US20080221669 20080804
US20090457708 20090603 US20100907655 20101019

Probable Assignee: LEXICON GENETICS INC

Assignee(s): (std): LEXICON GENETICS INC ; LEXICON PHARMACEUTICALS INC ; MONTGOMERY CHUCK ; QIAN NI NANCY ; SHI ZHENG ZHENG ; SPARKS MARY JEAN ; VOGEL PETER ; WESTBROOK MINDY ; EDWARDS JOEL ; EDWARDS JOEL A ; GENENTECH INC ; HUANG WENHU ; MONTGOMERY CHARLES ; OOX MINDY

Assignee(s): MONTGOMERY CHARLES A

Inventor(s): (std): EDWARDS JOEL A ; MONTGOMERY CHARLES A ; OOX MINDY ; ZHENG ZHENG SHI ; WESTBROOK MINDY ; WENHU HUANG ; VOGEL PETER ; SPARKS MARY JEAN ; SHI ZHENG ZHENG ; QIAN NI NANCY ; PETER VOGEL ; NANCY QIAN NI ; MONTGOMERY CHUCK ; MINDY WESTBROOK ; JOEL EDWARDS ; JEAN SPARKS MARY ; HUANG WENHU ; EDWARDS JOEL ; CHARLES MONTGOMERY ; MONTGOMERY CHARLES

Inventor(s): NI NANCY QIAN ; MARY JEAN SPARKS ; CHUCK MONTGOMERY

Agent(s): GRIFFITH HACK; SMART AND BIGGAR; GOODWIN PROCTER LLP,ATTN: PATENT ADMINISTRATOR; GOODWIN PROCTER LLP ATTN PATENT ADMINISTRATOR; BONNY; ARNOLD AND PORTER LLP; JEFFERY P

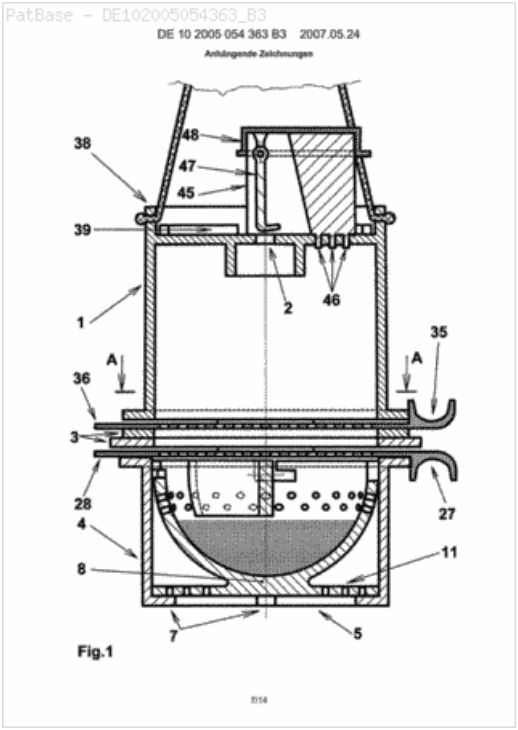
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO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

247) Family number: 34494560 (DE102005054363B3) © PatBase

Title: WASPS TRAP E.G. FOR INSECT TRAP, HAS PIPING SECTION WITH OPENING AT BOTTOM WITH INWARD POINTING PROJECTIONS, WHICH FORM PIPING HOLDING TANK

Abstract: Wasps trap has piping section (4) with an opening (5) at the bottom with the inward pointing projections, which form a piping holding tank (7). The piping section has a piping holder (8) aligned at the piping holding tank. Base of piping holder is provided with numerous small holes and forms a piping section bottom. The walls of the piping holder are formed cupular shaped and exhibit one or more horizontally running series of numerous small holes at a height. The piping container has vertically running reinforcement lamella which interconnects opposite lying wall sections with each other and their lower end extends towards base below the lowest row of holes.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/04 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
CPC: A01M1/04 A01M1/106
European: A01M1/04 A01M1/10F



Family:

Publication number	Publication date	Application number	Application date
DE102005054363 B3	20070524	DE200510054363	20051115

Priority:
DE200510054363 20051115

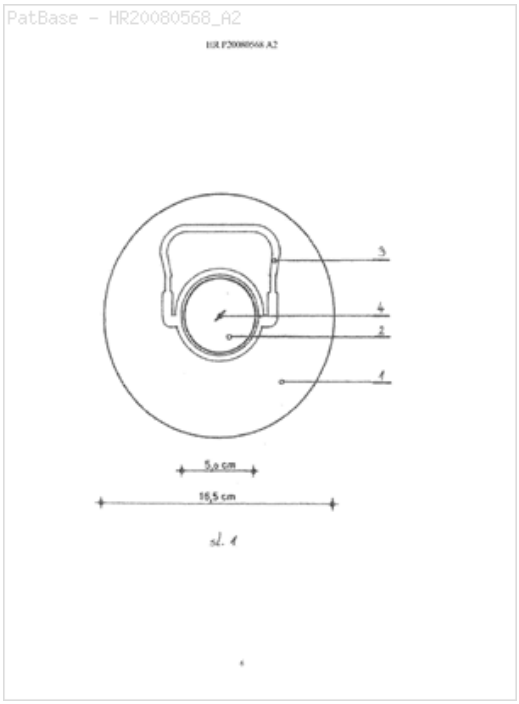
Probable Assignee: THOMAS HERMANN
Assignee(s): (std): THOMAS HERMANN
Inventor(s): (std): THOMAS HERMANN

248) Family number: 49886561 (HR20080568B) © PatBase

Title: PLASTIC SHED FOR PROTECTION FROM OLIVE FLY

Abstract: Source: HR20080568B [HR] Plasticne kucice za zaštitu od maslinine muhe, naznacene time, što je s unutarnje strane tijela posude (1) ima spuzveni umetak (6) koja je fiksirana centralnom zicom koja ide kroz spuzvu (4b) koja je natopljena hranom u smjesi s otrovom, ali koja nema doticaja s vanjskom okolinom, stablom i plodovima pa se moze smatrati ekološkim postupkom, no posebno je vazno da je naprava obojena zlatno-zutom sintetickom bojom, koja privlaci insekte te isti ulaze u nju kroz vrata posude (5), obilato se nasišu feromona s hranom u smjesi s otrovom kojom je natopljena spuzva (6), te nakon toga odlete i na drugom mjestu uginu - bez tragova ostataka u posudi plasticne kucice za zaštitu od maslinine muhe. Patent sadrzi još 2 patentna zahtjeva.

Classifications:
International (IPC 8-9): A01M1/20 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
HR20080568 A2	20110131	HR20080000568	20081110
HR20080568 B3	20111031	HR20080000568	20081110

Priority:

HR20080000568 20081110

Probable Assignee: GASPIC ANTON

Assignee(s): (std)**:** GASPIC ANTON ; GAUEPIC ANTON

Assignee(s): ANTON GASPIC ; ANTON GAUEPIC

Inventor(s): (std)**:** GASPIC ANTON ; GAUEPIC ANTON

Inventor(s): ANTON GASPIC ; ANTON GAUEPIC

249) Family number: 33995562 (US2009313707A)

© PatBase

Title: NOVEL GENE DISRUPTIONS, COMPOSITIONS AND METHODS RELATING THERETO

Abstract: The present invention relates to transgenic animals, as well as compositions and methods relating to the characterization of gene function. Specifically, the present invention provides transgenic mice comprising disruptions in PRO69122, PRO204, PRO214, PRO222, PRO234, PRO265, PRO309, PRO332, PRO342, PRO356, PRO540, PRO618, PRO944, PRO994, PRO1079, PRO1110, PRO1122, PRO1138, PRO1190, PRO1272, PRO1286, PRO1295, PRO1309, PRO1316, PRO1383, PRO1384, PRO1431, PRO1434, PRO1475, PRO1481, PRO1568, PRO1573, PRO1599, PRO1604, PRO1605, PRO1693, PRO1753, PRO1755, PRO1777, PRO1788, PRO1864, PRO1925, PRO1926, PRO3566, PRO4330, PRO4423, PRO36935, PRO4977, PRO4979, PRO4980, PRO4981, PRO5801, PRO5995, PRO6001, PRO6095, PRO6182, PRO7170, PRO7171, PRO7436, PRO9912, PRO9917, PRO37337, PRO37496, PRO19646, PRO21718, PRO19820, PRO21201, PRO20026, PRO20110, PRO23203 or PRO35250 genes. Such in vivo studies and characterizations may provide valuable identification and discovery of therapeutics and/or treatments useful in the prevention, amelioration or correction of diseases or dysfunctions associated with gene disruptions such as neurological disorders; cardiovascular, endothelial or angiogenic disorders; eye abnormalities; immunological disorders; oncological disorders; bone metabolic abnormalities or disorders; lipid metabolic disorders; or developmental abnormalities.

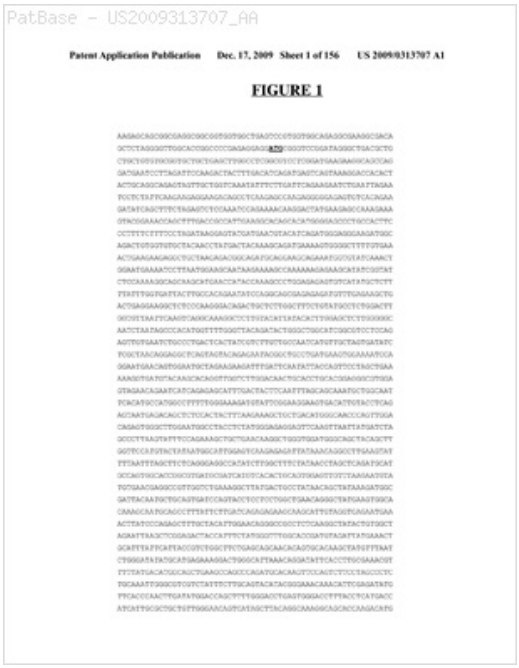
Classifications:

International (IPC 8-9): A01K67/027 A61K35/12 A61K38/00 A61K39/395 A61K45/00 A61K48/00 A61K49/00 A61P1/04 A61P1/16 A61P13/12 A61P15/00 A61P17/00 A61P17/02 A61P19/00 A61P19/02 A61P19/08 A61P19/10 A61P25/00 A61P25/02 A61P25/12 A61P25/18 A61P25/20 A61P25/22 A61P25/24 A61P25/28 A61P27/02 A61P27/06 A61P27/12 A61P29/00 A61P3/06 A61P3/10 A61P31/14 A61P31/20 A61P35/00 A61P37/00 A61P37/06 A61P37/08 A61P5/14 A61P5/16 A61P9/00 A61P9/04 A61P9/06 A61P9/10 A61P9/12 C07K14/47 C07K14/705 C07K16/18 C07K16/28 C12N15/09 C12N15/85 C12N5/06 C12N5/10 C12P21/02 C12Q1/00 C12Q1/02 C12Q1/42 C12Q1/48 C12Q1/68 C40B30/04 G01N33/00 G01N33/15 G01N33/50 G01N33/68 (Advanced/Invention);
A01K67/027 C12N15/12 C12P21/08 C40B60/12 (Advanced/Non-invention);
A01K67/027 A61K38/00 A61K45/00 A61P1/00 A61P13/00 A61P15/00 A61P17/00 A61P19/00 A61P25/00 A61P27/00 A61P29/00 A61P3/00 A61P31/00 A61P35/00 A61P37/00 A61P5/00 A61P9/00 C07K14/435 C07K16/18 C12N15/09 C12N15/85 C12N5/06 C12N5/10 C12P21/02 C12Q1/02 C12Q1/68 G01N33/00 G01N33/15 G01N33/50 (Core/Invention);
A01K67/027 C12P21/08 C40B60/12 (Core/Non-invention);
A01K C12N G01N (Subclass/Invention)

CPC: A01K67/0276 A01K2217/075 A01K2227/105 A01K2267/03 C12N15/8509

European: A01K67/027M2 C12N15/85A K01K217/07B K01K227/10M K01K267/03

US: 435/15 435/15S 435/21 435/21S 435/29 435/29S 435/325 435/325S 435/354 435/354S 506/9 506/9S 800/3 800/3P



Family:

Publication number	Publication date	Application number	Application date
AU2006255686 AA	20061214	AU20060255686	20060518
CA2610709 AA	20071203	CA20062610709	20060518
EP1871163 A2	20080102	EP20060770779	20060518
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JP2008541781 T2	20081127	JP20080515728T	20060518
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NZ563341 A	20091030	NZ20060563341	20060518
US2009313707 AA	20091217	US20060814361	20060518
US2012030776 AA	20120202	US20100910746	20101022
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WO06132788 A2	20061214	WO2006US19651	20060518
WO06132788 A3	20070726	WO2006US19651	20060518
ZA200710316 A	20090429	ZA20070010316	20060518

Priority:

US20050687900P 20050606 US20060780262P 20060307 EP20060770779 20060518
JP20080515728 20060518 US20060814361 20060518 JP20080515728T 20060518
WO2006US19651 20060518 US20070814361 20070719 US20100910746 20101022

Probable Assignee: LEXICON PHARMACEUTICALS INC

Assignee(s): (std): BYERS HORNER ALLISON ANNE ; COMBS KATHERIN ; COMBS KATHERIN E ; CULBERTSON LING LING ; DE SAUVAGE FREDERIC ; DESAUVAGE FREDERIC ; JUNUTULA JAGATH REDDY ; GENENTECH INC ; GIRGIS ROSEMARY ; LEXICON GENETICS INC ; JUNGE HARALD ; DING ZHIYONG ; EDWARDS JOEL ; HORNER ALLISON ANNE BYERS ; LEXICON PHARMACEUTICALS INC ; LEXICON PHARAMACEUTICALS INC ; MONTGOMERY CHUCK ; MCLAIN DINA REBECCA ; WILLIS SEVAUX TRACY ELLEN ; QIAN NI NANCY ; STALA JOY ; SHI ZHENG ZHENG ; MASSEY ERIN MARIE ; SPARKS MARY JEAN ; RANGEL CAROLINA ; PAYNE BOBBY JOE ; YE WEILAN ; PHILLIPS HEIDI ; VOGEL PETER ; MONTGOMERY CHARLES A ; SEVAUX TRACY ELLEN WILLIS ; MONTGOMERY CHARLES ; STALA JOY ANNE

Inventor(s): (std): ANNE STALA JOY ; BYERS HORNER ALLISON ANNE ; CAROLINA RANGEL ; COMBS KATHERIN ; COMBS KATHERIN E ; CULBERTSON LING LING ; DE SAUVAGE FREDERIC ; DE SAUVAGE FREDERIC J ; DESAUVAGE FREDERIC ; FREDERIC DESAUVAGE ; GIRGIS ROSEMARY ; HARALD JUNGE ; HEIDI PHILLIPS ; HORNER ALLISON A B ; DING ZHIYONG ; EDWARDS JOEL ; HORNER ALLISON ANNE BYERS ; JEAN SPARKS MARY ; JOE PAYNE BOBBY ; JOEL EDWARDS ; JUNGE HARALD ; JUNGE HAROLD ; JUNUTULA JAGATH REDDY ; MASSEY ERIN MARIE ; MCLAIN DINA R ; MCLAIN DINA REBECCA ; MONTGOMERY CHARLES ; MONTGOMERY CHARLES A ; MONTGOMERY CHUCK ; NANCY QIAN NI ; PAYNE BOBBY JOE ; PETER VOGEL ; PHILLIPS HEIDI ; QIAN NI NANCY ; RANGEL CAROLINA ; REBECCA MCLAIN DINA ; REDDY JUNUTULA JAGATH ; ROSEMARY GIRGIS ; SEVAUX TRACY E W ; SEVAUX TRACY ELLEN WILLIS ; SHI ZHENG ZHENG ; SPARKS MARY JEAN ; STALA JOY ; STALA JOY ANNE ; LING CULBERTSON LING ; MARIE MASSEY ERIN ; VOGEL PETER ; WEILAN YE ; WILLIS SEVAUX TRACY ELLEN ; YE WEILAN ; ZHENG ZHENG SHI ; ZHIYONG DING

Inventor(s): MARY JEAN SPARKS ; LING LING CULBERTSON ; TRACY ELLEN WILLIS SEVAUX ; ALLISON ANNE BYERS HORNER ; NI NANCY QIAN ; KATHERIN COMBS ; JOY STALA ; JAGATH REDDY JUNUTULA ; ERIN MARIE MASSEY ; HORNER ALLISON ANN BYERS ; DINA REBECCA MCLAIN ; CHUCK MONTGOMERY ; BOBBY JOE PAYNE

Agent(s): GRIFFITH HACK; SMART AND BIGGAR; DENISON CHRISTOPHER MARCUS; TOLLERVEY REBECCA MARIE; GOODWIN PROCTER LLP,ATTN: PATENT ADMINISTRATOR; GOODWIN PROCTER LLP ATTN PATENT ADMINISTRATOR; BONNY; CHRISTOPHER; GINGER R

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

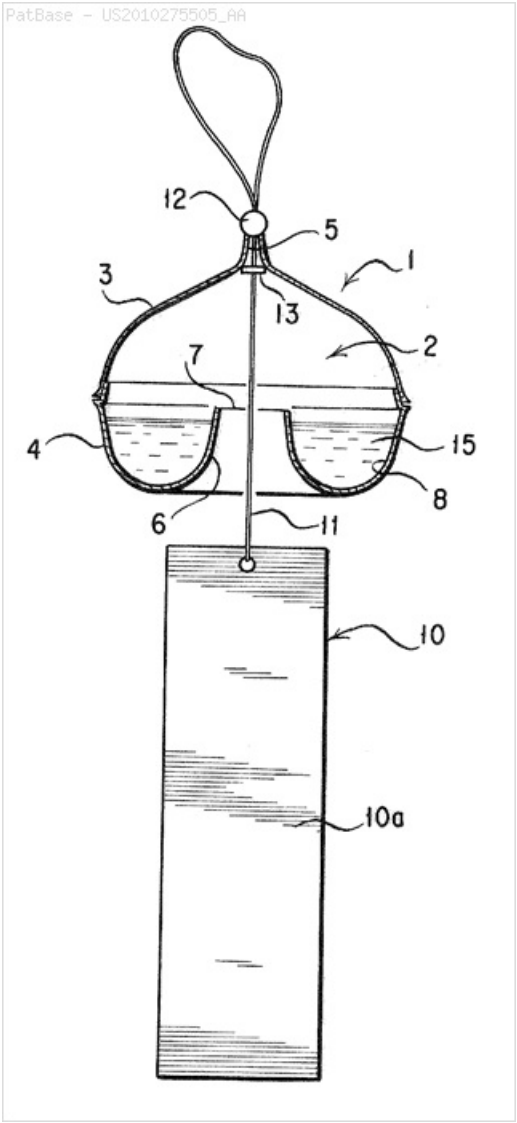
250) Family number: 42573567 (US2010275505A)

© PatBase

Title: FLYING INSECT TRAPPING APPARATUS

Abstract: A flying insect trapping apparatus is provided that is capable of attracting and trapping flying insects such as flies or wasps very well and moreover without giving a user an unpleasant feeling. The flying insect trapping apparatus comprises an attractive and inductive member having a vertical surface portion, an entry port surrounding an upper part of the attractive and inductive member and a trap chamber communicating with the entry port, whereby a flying insect is attracted by the member and to land on the surface portion thereof and then is induced to move along the surface portion and to pass through said entry port so as to be trapped in the inside of the trap chamber.

Classifications:
International (IPC 8-9): A01M A01M1/02 A01M1/10 A01M1/20 (Advanced/Invention); A01M1/00 A01M1/02 A01M1/10 A01M1/20 A61M1/00 (Core/Invention); A01M1/10 (Core/Non-invention); A01M (Subclass/Invention)
International (IPC 1-7): A01M001/00 A01M001/02 A01M1/00 A01M1/02 A01M1/10 A61M A01M001/10
CPC: A01M1/106
European: A01M1/10F
US: 43/107 43/107P 43/122 43/131



Family:

Publication number	Publication date	Application number	Application date
AR066643 AA	20090902	AR2008P102131	20080520
AR097458 AB	20160316	AR2014P103196	20140826
AR107938 AB	20180628	AR2017P100698	20170321
CN101677525 A	20100324	CN200880016837	20080502
CN102783469 A	20121121	CN201210283224	20080502
CN102783469 B	20161207	CN201210283224	20080502
DE602008017825 D1	20121004	DE200860017825T	20080502
DE602008043399 D1	20160519	DE200860043399T	20080502
EP2149300 A1	20100203	EP20080752573	20080502
EP2149300 A4	20100728	EP20080752573	20080502
EP2149300 B1	20120808	EP20080752573	20080502
EP2481282 A1	20120801	EP20120162276	20080502
EP2481282 B1	20160406	EP20120162276	20080502
HK1140374 A1	20101015	HK20100106973	20100719
HK1176808 A1	20130809	HK20130104283	20130409
HK1176808 A1	20180105	HK20130104283	20130409
HK1176808 B	20180105	HK20130104283	20130409
IN03893KN2009 A	20100219	IN2009KN03893	20091110
IN201738014572 A	20170825	IN201738014572	20170425
IN294269 B	20180316	IN2009KN03893	20091110
JP2008283927 A2	20081127	JP20070133748	20070521
JP2009142228 A2	20090702	JP20070324632	20071217
JP2009165402 A2	20090730	JP20080006886	20080116
JP4968836 B2	20120704	JP20070133748	20070521
JP4968842 B2	20120704	JP20070324632	20071217
MX2009011909 A1	20100218	MX20090011909	20080502
MX338196 B	20160406	MX20120012121	20080502
MY149547 A	20130913	MY20090004922	20080502

TH59384 B	20171212	TH20081002472	20080516
TH96353 A	20090630	TH20081002472	20080516
TW200926974 A	20090701	TW20080118389	20080519
TW201328595 A	20130716	TW20130106928	20080519
TWI415568 B	20131121	TW20080118389	20080519
TWI507128 B	20151111	TW20130106928	20080519
US2010275505 AA	20101104	US20080599864	20080502
US8448376 BB	20130528	US20080599864	20080502
WO08143041 A1	20081127	WO2008JP58690	20080502

Priority:

JP20070133748 20070521 JP20070324632 20071217 JP20080006886 20080116
CN200880016837 20080502 EP20080752573 20080502 EP20120162276 20080502
WO2008JP58690 20080502 IN2009KN03893 20091110

Probable Assignee: FUMAKILLA LTD

Assignee(s): (std)**:** FUMAKILLA LTD ; KAGAWA YOSHITAKE

Assignee(s): FUMAKILLA LIMITED

Inventor(s): (std)**:** KAGAWA YOSHITAKE ; KAGAWA MICHITAKE ; YOSHITAKE KAGAWA

Inventor(s): KAGAWA YOSHITAKE HATSUKAICHI SHI

Agent(s): OFFICE FREYLINGER; ZHONGZI IP; HOLTZ HOLTZ GOODMAN AND CHICK PC; HOLTZ HOLTZ GOODMAN AND CHICK P C; HAMAMOTO TADASHI

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 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

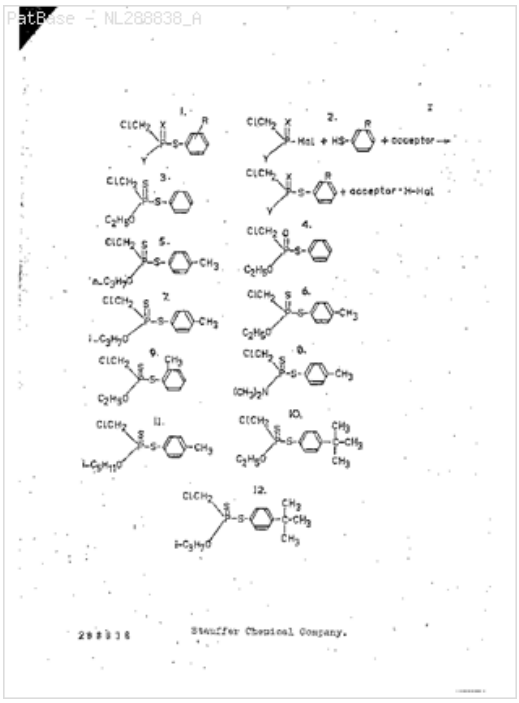
251) Family number: 835567 (US3400178A)

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Title: OMICRON-ISOPROPYL-S-(P-TOLYL) CHLOROMETHYL-PHOSPHONODITHIOATE

Abstract: The invention comprises thiophosphonic compounds of the general formula:- <FORM:1032255/C2/1> wherein X is an S atom, Y is a propoxy or isopropoxy group, and R is a hydrogen atom or a C1-C4 alkyl radical. They may be obtained by reacting a compound of the general formula Cl.CH2.P(X)(Y)Hal wherein Hal is a halogen atom with a compound of the general formula: <FORM:1032255/C2/2> in the presence of a hydrogen halide acceptor, e.g. triethylamine or pyridine, while maintaining the reaction temperature at between 0 and 100 DEG C. The reaction may be carried out in the presence of an organic solvent such as benzene, dioxane, toluene or xylene. The products have pesticidal properties (see Division A5).ALSO:Pests are controlled by contacting them with at least one thiophosphonate compound of the general formula: <FORM:1032255/A5-A6/1> wherein X is a sulphur atom, Y is a propoxy or isopropoxy group and R is a hydrogen atom or a C1-C4 alkyl radical (see Division C2). The thiophosphonate compound may be used in the form of a dispersion prepared by dissolving the compound in acetone and then diluting with water containing a sulphonate-type wetting agent and a methyl cellulose as emulsifier. The thiophosphonate compound may also be used in the form of an aqueous or non-aqueous solution, wettable powder, vapour or dust or in its undiluted form.

Classifications:
International (IPC 8-9): A01N57/22 C07F9/40 C07F9/44 (Advanced/Invention);
A01N57/00 C07F9/00 (Core/Invention)
International (IPC 1-7): C07F9/40
CPC: A01N57/22 C07F9/4006 C07F9/4084 C07F9/4449
European: 45L8R5 A01N57/22 C07F9/40A1 C07F9/40C4 C07F9/44B4
US: 260/961 558/100 558/206 987/143 987/149 987/160



Family:

Publication number	Publication date	Application number	Application date
AU2701863 A1	19640806	AU19630027018	19630204
BE628297 A	00000000		00000000
CH443291 A	19670915	CH19630001670	19630211
DE1185186 B	19650114	DE1963ST20281	19630212
FR1348126 A	19640104	FR19630924588	19630213
GB1032255 A	19660608	GB19630004032	19630131
NL136288 C	00000000		00000000
NL288838 A	00000000		00000000

US3400178 A	19680903	US19640409286	19641105

Priority:

US19620172851 19620213 FR19630924588 19630213 US19640409286 19641105

Probable Assignee: STAUFFER CHEMICAL CO

Assignee(s): (std): STAUFFER CHEMICAL CO

Assignee(s): STAUFFER CHEMICAL COMPANY

Inventor(s): (std): BRUCE MCBAIN JOHN ; FEARING RALPH B ; MCBAIN JOHN BRUCE ; WALSH EDWARD N

Inventor(s): RALPH B FEARING EDWD N WALSH AND JOHN BRUCE MCBAIN

252) Family number: 20682572 (WO0021364A2)

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Title: A NATURAL AND SAFE ALTERNATIVE TO FUNGICIDES, BACTERIOCIDES, NEMATICIDES AND INSECTICIDES FOR PLANT PROTECTION AND AGAINST HOUSEHOLD PESTS

Abstract: A composition to repel or kill insects, fungi, nematodes and bacteria, comprising, as an active ingredient, an essential oil or a component thereof, wherein said essential oil or component thereof is derived from at least one plant species in the Family Labiatae and Umbellifera is disclosed. Methods of repelling or killing insects, fungi, nematodes and bacteria using these compositions are also disclosed.

Classifications:
International (IPC 8-9): A01N65/00 A01N65/10 A01N65/22 A01N65/24 A01P1/00 A01P17/00 A01P3/00 A01P5/00 A01P7/04 (Advanced/Invention);
A01N65/00 A01N65/10 A01N65/22 A01N65/24 (Core/Invention)
International (IPC 1-7): A01N25/00 A01N27/00 A01N27/00 A01N31/08 A01N31/14 A01N63/02 A01N65/00 A61K35/78 A61K39/385 A61N27/00 C07H15/00 C07H17/00
CPC: A01N65/22 A01N65/00 A01N65/10 Y02A50/322 Y02A50/351
European: A01N65/00 A01N65/10 A01N65/22 A01N65/24



Family:

Publication number	Publication date	Application number	Application date
AU200011043 A1	20000501	AU20000011043	19991008
AU200011043 A5	20000501	AU20000011043	19991008
AU2004201268 AA	20040429	AU20040201268	20040325
CA2346763 AA	20010409	CA19992346763	19991008
EP1119257 A2	20010801	EP19990954778	19991008
IL142503 A0	20020310	IL19990142503	19991008
IL142503 A1	20060820	IL19990142503	19991008
NZ511021 A	20030829	NZ19990511021	19991008
NZ526412 A	20041126	NZ19990526412	19991008
TR200101956 T2	20020121	TR20010001956T	19991008
TR200201558 T2	20020821	TR20020001558T	19991008
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WO0021364 A2	20000420	WO1999US23399	19991008
WO0021364 A3	20000810	WO1999US23399	19991008
WO0021364 C2	20000921	WO1999US23399	19991008

Priority:

US19980103805P 19981009 AU20000011043 19991008 WO1999US23399 19991008
AU20040201268 20040325

Probable Assignee: UNIV AUBURN

Assignee(s): (std): AUBURN UNIV IND PROGRAMS ; AUBURN UNIVERSITY IND PROGRAMS ; UNIV AUBURN ; SADIK TUZUN ; OKTAY YEGEN ; TUZUN SADIK ; YEGEN OKTAY

Assignee(s): AUBURN UNIVERSITY INDUSTRIAL PROGRAMS AND TECH TRA ; AUBURN UNIVERSITY INDUSTRIAL PROGRAMS AND TECH TRANSFER ; AUBURN UNIV INDUSTRIAL PROGRAMS AND TECH TRANSFER ; AUBURN UNIVERSITY ; AUBURN UNIV

Inventor(s): (std): TUZUN SADIK ; YEGEN OKTAY ; TUEZUEN SADIK ; EGEN OKTA

Inventor(s): OKTAY YEGEN ; SADIK TUZUN ; SADIK TUEZUEN

Agent(s): FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; FPA PATENT ATTORNEYS PTY LTD; HERBERT SMITH FREEHILLS; FREEHILLS PATENT ATTORNEY S; GOUDREAU GAGE

DUBUC; SANFORD TCOLB AND CO

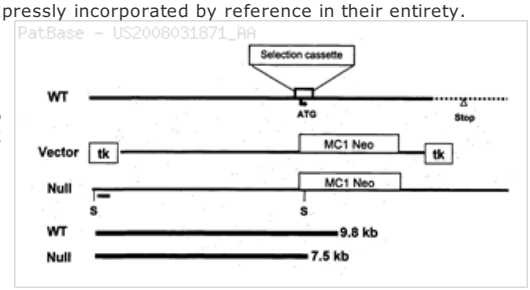
Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG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

253) Family number: 40472573 (US2008031871A)

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Title: MEMORY AND LEARNING IMPAIRMENTS ASSOCIATED WITH DISRUPTION OF EPHRIN RECEPTOR A6 (EPHA6) GENE

Abstract: The present application is a continuation-in-part under 37 C.F.R. 1.53(b) of pending prior international application PCT/US2007/61927 filed on Feb. 9, 2007, which claims priority to provisional application No. 60/774,895 filed on Feb. 17, 2006, now abandoned, the entire disclosures of which are hereby expressly incorporated by reference in their entirety.



Classifications:
International (IPC 8-9): A01K67/00 A01K67/027 A61K38/00 A61K38/16 A61K39/39 A61K39/395 A61K45/00 A61K49/00 A61K51/00 A61P1/04 A61P11/00 A61P11/06 A61P13/12 A61P17/06 A61P19/02 A61P19/08 A61P19/10 A61P25/00 A61P25/08 A61P25/16 A61P25/18 A61P25/20 A61P25/22 A61P25/24 A61P25/28 A61P27/02 A61P27/12 A61P3/02 A61P3/06 A61P35/00 A61P37/00 A61P37/06 A61P37/08 A61P9/00 A61P9/04 A61P9/10 A61P9/12 C07K14/47 C07K14/515 C07K14/705 C07K14/715 C07K16/00 C07K16/18 C07K16/28 C12N15/09 C12N15/85 C12N5/06 C12N5/10 C12Q1/00 C12Q1/02 C12Q1/68 C40B30/04 G01N33/15 G01N33/50 G01N33/566 G01N33/68 (Advanced/Invention);
A01K67/027 C07K14/705 C07K16/28 (Advanced/Non-invention);
A01K67/00 A01K67/027 A61K38/00 A61K39/39 A61K39/395 A61K45/00 A61K49/00 A61K51/00 A61P1/00 A61P11/00 A61P13/00 A61P17/00 A61P19/00 A61P25/00 A61P27/00 A61P3/00 A61P35/00 A61P37/00 A61P9/00 C07K14/435 C07K16/00 C07K16/18 C12N15/09 C12N15/85 C12N5/06 C12N5/10 C12Q1/02 G01N33/15 G01N33/50 G01N33/68 (Core/Invention);
A01K67/027 C07K14/435 C07K16/18 (Core/Non-invention);
A01K A61K C07K G01N (Subclass/Invention)
CPC: A01K2267/03 A01K2267/0306 A01K2267/0312 C07K14/715 G01N33/5088 G01N2800/28 G01N33/566 A01K67/0276 A01K2217/075 A01K2227/105 A01K2267/0356 A61K49/0008 C12N15/8509 G01N2500/00 G01N2800/2814 G01N2800/2821 G01N2800/2857 Y10T436/143333
European: A01K67/027M2 A61K49/00H6 C07K14/715 C12N15/85A G01N33/50D2J4 G01N33/566 K01K217/07B K01K227/10M K01K267/03 K01K267/03A K01K267/03A3 K01K267/03K1 S01N500/00 S01N800/28 S01N800/28B S01N800/28B1 S01N800/28F
US: 424/130.1 424/130.100P 435/29 435/29S 435/325 435/325S 435/352 435/352S 435/6.12 435/6.120S 436/94 436/94S 506/9 506/9S 514/16.4 514/16.400P 514/17.5 514/17.500S 514/17.7 514/17.700S 514/17.8 514/17.800S 514/789 514/789S 530/387.1 530/387.100S 800/12 800/12S 800/3 800/3P 800/3S 800/9 800/9S

Family:

Publication number	Publication date	Application number	Application date
AU2007233263 AA	20071011	AU20070233263	20070209
AU2008254414 AA	20081127	AU20080254414	20080418
CA2638821 AA	20080814	CA20072638821	20070209
CA2681480 AA	20081127	CA20082681480	20080418
EP1988768 A2	20081112	EP20070756828	20070209
EP2050335 A1	20090422	EP20080020669	20070209
EP2147019 A1	20100127	EP20080746253	20080418
JP2009527227 T2	20090730	JP20080555441T	20070209
JP2010527589 T2	20100819	JP20100508479T	20080418
US2008031871 AA	20080207	US20070803981	20070515
US2008311107 AA	20081218	US20070814136	20070209
US2010286051 AA	20101111	US20090579073	20091014
US2012005766 AA	20120105	US20110205917	20110809
WO07114979 A2	20071011	WO2007US61927	20070209
WO07114979 A3	20080529	WO2007US61927	20070209
WO08144142 A1	20081127	WO2008US60803	20080418
ZA200807714 A	20100127	ZA20080007714	20070209

Priority:

US20060774895P 20060217 US20060774985P 20060221 EP20070756828 20070209
US20070814136 20070209 WO2007US61927 20070209 US20070803981 20070515
US20070814136 20070717 WO2008US60803 20080418 US20090579073 20091014
US20110205917 20110809

Probable Assignee: LEXICON PHARMACEUTICALS INC

Assignee(s): (std): ALLEN MARGARET L ; BOLLINGER KRISTI RAE ; COMBS KATHERIN E ; CULBERTSON LING LING ; CUNNINGHAM JAIME JO ; DE SAUVAGE FREDERIC J ; DESAUVAGE FREDERIC ; GREEN LESLIE ; GENENTECH INC ; HORNER ALLISON ANNE BYERS ; GIRGIS ROSEMARY ; EDWARDS JOEL ; LEXICON PHARMACEUTICALS INC ; LANTHORN THOMAS H ; LANTHORN THOMAS HERBERT ; GREEN LESLIE JANE ; TANG TRACY TZU LING ; SPARKS MARY JEAN ; MCLAIN DINA REBECCA ; MONTGOMERY CHARLES A ; SEVAUX TRACY ELLEN WILLIS ; STALA JOY ; PAYNE BOBBY JOE ; SHI ZHENG ZHENG ; MINZE LAURIE JEANETTE ; TOWNSEND TERESA GAIL ; PHILLIPS HEIDI ; VOGEL PETER ; SAVELIEVA KATERINA ; STALA JOY ANNE ; SAVELLEVA KATERINA ; MONTGOMERY CHARLES

Assignee(s): GENETECH INC

Inventor(s): (std): TANG TRACY TZU LING ; DESAUVAGE FREDERIC ; BOLLINGER KRISTI RAE ; GREEN LESLIE ; SPARKS MARY JEAN ; SEVAUX TRACY ELLEN WILLIS ; MCLAIN DINA REBECCA ; MONTGOMERY CHARLES A ; HORNER ALLISON ANNE BYERS ; COMBS KATHERIN E ; GIRGIS ROSEMARY ; STALA JOY ; EDWARDS JOEL ; PAYNE BOBBY JOE ; SHI ZHENG ZHENG ; MINZE LAURIE JEANETTE ; CUNNINGHAM JAIME JO ; TOWNSEND TERESA GAIL ; PHILLIPS HEIDI ; CULBERTSON LING LING ; VOGEL PETER ; SEVAUX TRAC ELLEN WILLIS ; GREEN LESLIE JANE ; MONTGOMERY CHARLES ; EDWARDS JOEL A ; DE SAUVAGE FREDERIC J ; SAVELLEVA KATERINA ; LANTHORN THOMAS HERBERT ; STALA JOY ANNE ; ALLEN MARGARET L ; SAVELIEVA KATERINA ; LANTHORN THOMAS H ; TANG TRACY TSU LING

Inventor(s): ROSEMARY GIRGIS ; TERESA GAIL TOWNSEND ; KATHERIN E COMBS ; DINA REBECCA MCLAIN ; LING LING CULBERTSON ; BOBBY JOE PAYNE ; MARY JEAN SPARKS ; FREDERIC DESAUVAGE ; ZHENG ZHENG SHI ; PETER VOGEL ; KRISTI RAE BOLLINGER ; LAURIE JEANETTE MINZE ; TRACY ELLEN WILLIS SEVAUX ; LESLIE GREEN ; TRACY TZU LING TANG ; HEIDI PHILLIPS ; JAIME JO CUNNINGHAM ; JOY

ANNE STALA ; ALLISON ANNE BYERS HORNER ; JOEL EDWARDS ; CHARLES A MONTGOMERY ; ALLEN MARGARET ; LANTHORN THOMAS ; KATERINA SAVELIEVA ; MARGARET L ALLEN ; THOMAS HERBERT LANTHORN ; WILLIS SEVAUX TRACY ELLEN

Agent(s): GRIFFITH HACK; SMART AND BIGGAR; DENISON CHRISTOPHER MARCUS ET AL; TOLLERVEY REBECCA MARIE; GINGER R DREGER ESQ HELLER EHRMAN LLP; GENENTECH INC; ARNOLD AND PORTER LLP 24126 ATTN SV DOCKETING DEPT; GAO PANPAN ET AL

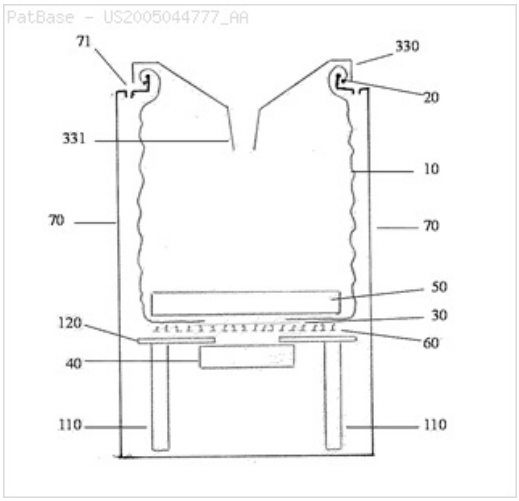
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254) Family number: 31718576 (US2005044777A)

Title: INSECT TRAP

Abstract: An attractant based insect trap has a fan placed close to an insect attractant. The insect attractant creates an attractive smell, taste or other olfactory sensation that elicits an attractive response in the insect. The flying insect moves toward the fan mechanism against the flow of attractant-laden air, in order to reach the source of the attractant. The flying insect enters the trap, toward the source of the smell, which is the fan. The entrance to the trap leads into a bag, into which the insect moves to find the source of the attractant, and is trapped within the bag. The user may easily remove the bag from the interior of the trap, and dispose of the bag in a refuse receptacle. A new bag is then placed in the interior of the insect trap, and the trap is ready to trap more insects.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/04 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/06
CPC: A01M1/02 A01M1/04 A01M1/106 A01M2200/012
European: A01M1/02 A01M1/04 A01M1/10 A01M1/10F K01M200/012 K01M201/02
US: 43/139



Family:

Publication number	Publication date	Application number	Application date
US2005044777 AA	20050303	US20040707699	20040105

Priority:
US20030481317P 20030830 US20040707699 20040105

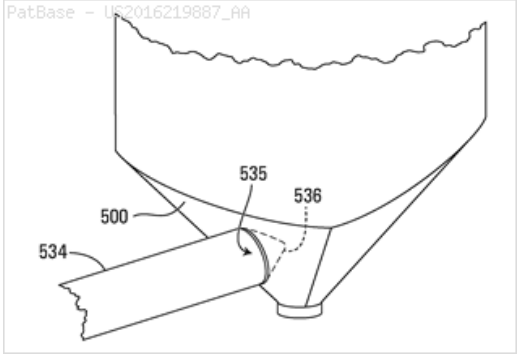
Probable Assignee: HISCOX WILLIAM CHARLES
Assignee(s): (std): HISCOX WILLIAM CHARLES
Inventor(s): (std): HISCOX WILLIAM CHARLES
Inventor(s): HISCOX WILLIAM
Agent(s): GREENBERG AND LIEBERMAN

255) Family number: 58451577 (US2016219887A)

Title: HERMETIA ILLUCENS FRASS PRODUCTION AND USE IN PLANT NUTRITION AND PEST MANAGEMENT

Abstract: Apparatus and methods are provided for producing insecticidal black soldier fly (BSF; Hermetia illucens) frass, and using the frass for nutritional and insect pest control activity in soils and/or on foliage. The methods include processes for using BSF frass to reduce damage to crops caused by wireworms (i.e., click beetle larvae, in the Elateridae family) and/or other Coleopteran (i.e., beetle) insect pests. Also provided is an insect trap comprising BSF frass.

Classifications:
International (IPC 8-9): A01M1/10 A01N63/02 A01P17/00 B09B3/00 (Advanced/Invention)
CPC: A01M1/106 A01N63/02 A01K67/033
US: 424/538



Family:

Publication number	Publication date	Application number	Application date
CA2919287 AA	20160125	CA20142919287	20140731
US2016219887 AA	20160804	US20140908924	20140731
US9844223 BB	20171219	US20140908924	20140731
WO15013826 A1	20150205	WO2014CA50727	20140731

Priority:

US20130861936P 20130802 US20140908924 20140731 WO2014CA50727 20140731

Probable Assignee: ENTERRA FEED CORP

Assignee(s): (std)**:** ENTERRA FEED CORP

Assignee(s): KABALUK TODD ; KAULFUSS OLIVER ; MARCHANT BRAD ; RADLEY REED ; VICKERSON ANDREW

Inventor(s): (std)**:** KAULFUSS OLIVER ; KABALUK TODD ; MARCHANT BRAD ; VICKERSON ANDREW ; RADLEY REED

Agent(s): GOWLING LAFLEUR HENDERSON LLP; GOWLING WLG CANADA LLP; CASIMIR JONES SC; KINGWELL BRIAN 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

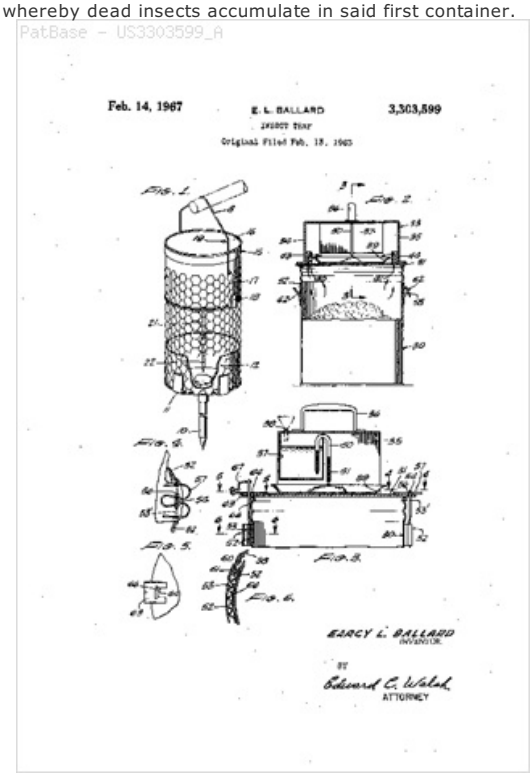
256) Family number: 22928579 (US3303599A)

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Title: Insect trap

Abstract: (Claim 1) 1. An insect trap comprising in combination, a first container -having an imperforated bottom and side walls and an open top and having therein on the bottom of the container at the central part thereof !only -a lure in solid,form for insects to be destroyed, an elevated second container containing liquid disposed adjacent to said first container, and means spaced from said lure providing for a relatively slow transfer of liquid from said second container to said first container whereby the liquid drips from said means onto the solid lure in said first container from a position above it for moistening the said lure, said first container having a spaced position relative to said second container allowing ac-cess c)f insects to the lure in said first container -from the open top thereof, whereby dead insects accumulate in said first container.

Classifications:
International (IPC 8-9): A01M1/10 A01M1/20 (Advanced/Invention); A01M1/00 A01M1/20 (Core/Invention)
International (IPC 1-7): A01G27/00 A01M1/00
CPC: A01M1/106 A01M1/20 A01M2200/012
European: A01M1/10 A01M1/10F A01M1/20 K01M200/012 K01M201/02
US: 43/118 43/120 43/131 47/81



Family:

Publication number	Publication date	Application number	Application date
US3224145 A	19651221	US19630258263	19630213
US3303599 A	19670214	US19650514998	19651220

Priority:

US19630258263 19630213 US19650514998 19651220

Probable Assignee: BALLARD EARCY L

Assignee(s): (std)**:** BALLARD EARCY L

Inventor(s): (std)**:** BALLARD EARCY L

257) Family number: 44451581 (US2011269226A)

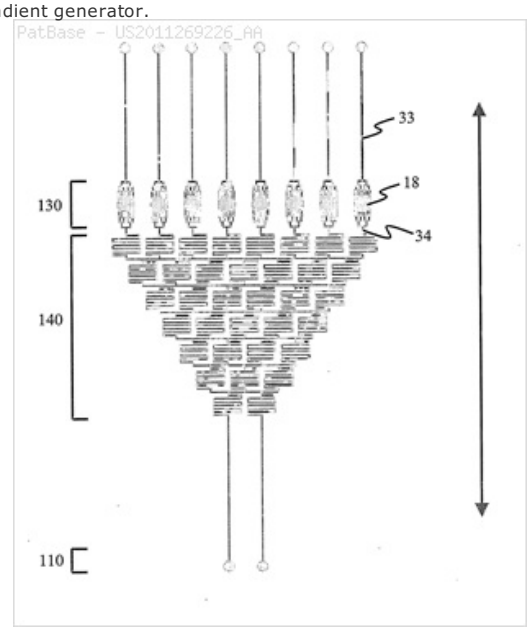
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Title: MICROFLUIDIC CONTINUOUS FLOW DEVICE FOR CULTURING BIOLOGICAL MATERIAL

Abstract: The present invention refers to a microfluidic continuous flow devices for culturing biological material each

comprising a cultivation chamber being dimensioned to retain a biological material and having an inlet and an outlet to allow flow of a cultivation medium through the cultivation chamber. The present invention also refers to a method using the microfluidic continuous flow device of the present invention and the uses for these devices. In one example a microfluidic continuous flow device of the present invention is connected to a gradient generator.

Classifications:
International (IPC 8-9): A01K61/00 A01K67/00 B01L3/00 B81B1/00 B81B7/04 C12M3/00 C12N5/09 C12Q1/00 C12Q3/00 G01N1/00 (Advanced/Invention);
A01K67/00 B01L3/00 B81B1/00 B81B7/00 C12M3/00 C12Q1/00 C12Q3/00 G01N1/00 (Core/Invention)
CPC: B01L3/5027 C12M23/16 C12M23/34 C12M29/10 C12M29/26
European: C12M23/16 C12M23/34 C12M29/10 C12M29/26 C12M3/00 L01L3/00C6M L01L3/5027 M12M540/016
US: 119/217 119/217S 435/294.1 435/294.100S 435/325 435/325P



Family:

Publication number	Publication date	Application number	Application date
US2011269226 AA	20111103	US20080061236	20080827
WO10024779 A1	20100304	WO2008SG00318	20080827

Priority:
WO2008SG00318 20080827

Probable Assignee: AGENCY FOR SCIENCE TECHNOLOGY AND RESEARCH

Assignee(s): (std): AGENCY SCIENCE TECH AND RES ; NOORT DANNY VAN ; YU HANRY

Assignee(s): AGENCY FOR SCIENCE TECHNOLOGY AND RESEARCH

Inventor(s): (std): NOORT DANNY VAN ; YU HANRY ; VAN NOORT DANNY

Agent(s): SCHIWECK WOLFRAM

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

258) Family number: 20691582 (US5413784A)

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Title: Biopesticide composition and process for controlling insect pests

Abstract: The subject invention concerns a novel anal useful biopesticide with activity against insect pests such as boll weevil, sweet potato whitefly and cotton fleahopper. The biopesticide of the subject invention comprises an entomopathogenic fungus having virulence against a targeted insect pest(s), an arrestant anal feeding stimulant for the targeted insect pest(s) anal, optionally, a pheromone for the targeted insect pest(s). A preferred fungus is a Beauveria bassiana, preferably Beauveria bassiana, ATCC-74040 (ARSEF-3097). By using this novel fungus, or mutant thereof, in the composition of the present invention, Boll weevils, sweet potato whiteflies anal cotton fleahoppers can be controlled without environmental and public safety hazards presented by chemical control agents.

Classifications:
International (IPC 8-9): A01M1/20 A01N25/00 A01N63/00 A01N63/04 C12N1/14 (Advanced/Invention);
A01N63/00 C12N1/14 C12R1/645 (Advanced/Non-invention)
International (IPC 1-7): A01M1/20 A01N25/00 A01N61/00 A01N63/00 A01N63/04 A61K35/70 C12N1/14 C12R1/645 C12R1/79
CPC: A01N25/006 A01N63/04 C12R1/645
European: A01N25/00B4 A01N63/04 C12R1/645
US: 424/84 424/93.5 426/1 435/254.1

Family:

Publication number	Publication date	Application number	Application date
AU199211854 A1	19920817	AU19920011854	19920109
AU662123 B2	19950824	AU19920011854	19920109
BRPI9205513 A	19940301	BR1992PI05513	19920109
CA2100174 AA	19930708	CA19922100174	19920109
CA2100174 C	19980428	CA19922100174	19920109
EP0566651 A1	19931027	EP19920903598	19920109
EP0566651 A4	19940622	EP19920903598	19920109
JP6503965 T2	19940512	JP19920503778T	19920109
MX9200095 A1	19921101	MX19920000095	19920109
RU2103873 C1	19980210	SU19930051784	19920109
RU93051784 A	19960727	RU19930051784	19930708
US5413784 A	19950509	US19930058795	19930510
WO9211856 A1	19920723	WO1992US00033	19920109

ZA9200145 A	19920930	ZA19920000145	19920109

Priority:

US19910638489 19910109 WO1992US00033 19920109 US19920892488 19920603
US19930058795 19930510

Probable Assignee: LOURENS D CHANDLER US

Assignee(s): (std): CHANDLER LAURENCE D ; DZHEJMS E RAJT US ; LOURENS D CHANDLER US ; TAJRON A NAUF US ; KNAUF TYRONE A ; TYRONE A KNAUF ; WRIGHT JAMES W ; WRIGHT JAMES E

Assignee(s): TAJRON A.NAUF[US] ; AGRICULTURE US GOV SECRETARY OF AS ; AGRICULTURE US GOV SECRETARY OFWASHINGTON DISTRICT ; AGRICULTURE US SEC ; LAURENCE D CHANDLER ; JAMES E WRIGHT ; DZHEJMS E.RAJT[US] ; LOURENS D.CHANDLER[US]

Inventor(s): (std): DZHEJMS ERAJT ; JAMES E WRIGHT ; KNAUF TYRONE A ; LAURENCE D CHANDLER ; CHANDLER LAURENCE D ; LOURENS DCHANDLER ; TAJRON ANAUF ; TYRONE A KNAUF ; WRIGHT JAMES E ; WRIGHT JAMES W ; TAJRON A NAUF ; LOURENS D CHANDLER ; DZHEJMS E RAJT

Inventor(s): TAJRON A.NAUF[US] ; DZHEJMS E.RAJT[US] ; LOURENS D.CHANDLER[US]

Agent(s): FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; FPA PATENT ATTORNEYS PTY LTD; SIM AND MCBURNEY

Designated states: AT AU BB BE BF BG BJ BR CA CF CG CH CI CM CS DE DK ES FI FR GA GB GN GR HU IT JP KP KR LI LK LU MC MG ML MN MR MW NL NO PL RO RU SD SE SN TD TG

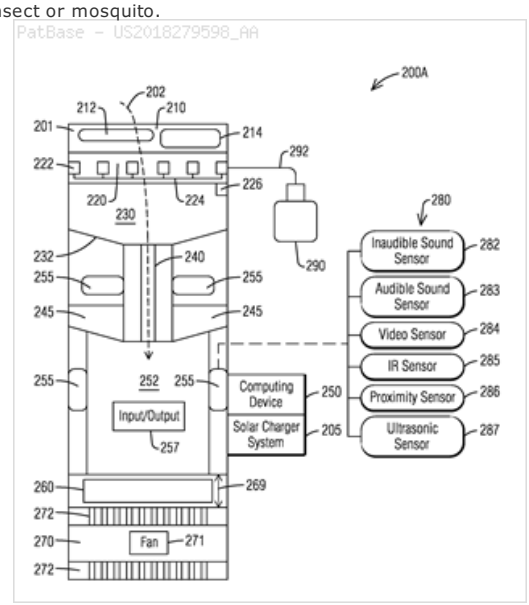
259) Family number: 63842584 (US2018279598A)

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Title: WIRELESS SMART MOSQUITO AND INSECT TRAP DEVICE, NETWORK AND METHOD OF COUNTING A POPULATION OF THE MOSQUITOES OR INSECTS

Abstract: Embodiments relate to smart mosquito and insect trap devices, networks and method for detecting, counting, trapping and discarding a population of mosquitoes and/or insects. The mosquito species include the ones such as *Aedes* mosquito species that can cause Zika virus diseases. The device comprising a housing (**201**) having a directional force through a narrow path (**240**) to move an insect or mosquito in a predetermined direction. The device comprises one or more detectors (**255**) to detect a presence of an insect or mosquito along the path (**240**). An isolated basket (**260**) or trap is included to trap the insect or mosquito at a location below or at an end of the path. A processor (**352**) tracks a count of a population in the basket based on detection of the presence of the insect or mosquito.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/06 A01M1/10 A01M1/12 G05B15/02 (Advanced/Invention)
CPC: A01M1/08 A01M1/106 G05B15/02 A01M1/12 A01M1/06 A01M1/026 A01M1/02 A01M1/023 Y02A50/371



Family:

Publication number	Publication date	Application number	Application date
US2018279598 AA	20181004	US20160566930	20160413
WO16168347 A1	20161020	WO2016US27352	20160413

Priority:

US20150146904P 20150413 US20160566930 20160413 WO2016US27352 20160413

Probable Assignee: UNIV OF FLORIDA RESEARCH FOUNDATION INC

Assignee(s): (std): UNIV FLORIDA ; UNIV OF FLORIDA RES FOUND INC ; UNIV OF FLORIDA RESEARCH FOUNDATION INC

Assignee(s): OF FLORIDA RESEARCH FOUNDATION INC UNIV

Inventor(s): (std): EISENSTADT WILLIAM R ; HUR BYUL

Agent(s): VAN DYKE TIMOTHY H 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

260) Family number: 34639585 (ES1032005Y)

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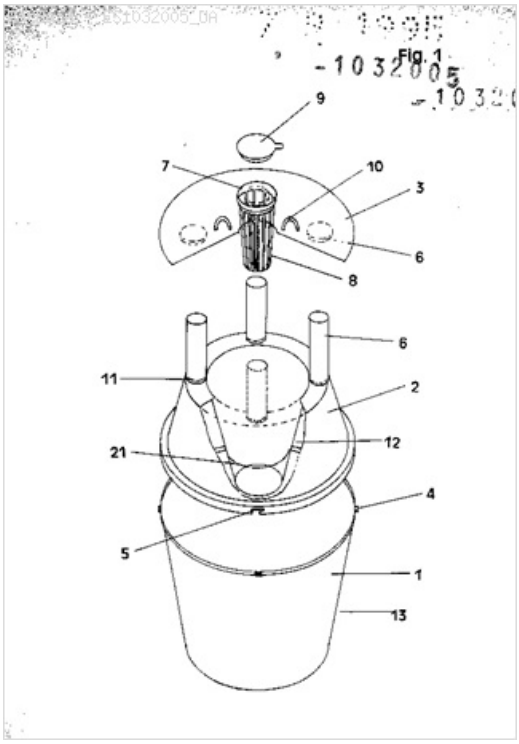
Title: TRAMPA DE CAMPO ATRAPA INSECTOS.

Abstract: Source: ES1032005U [ES] 1. TRAMPA DE CAMPO ATRAPA INSECTOS, DEL TIPO QUE COMPRENDE UN

RECEPTACULO Y UN ATRAYENTE, CARACTERIZADA PORQUE COMPRENDE UN RECIPIENTE O CUERPO (1) TAPADO O CUBIERTO POR UN CUBRECUERPO (2) QUE POSEE UN ORIFICIO CENTRAL (22) EL CUAL TIENE UNA ENTRADA IGUALMENTE CENTRAL EN FORMA DE TRONCO DE CONO (12) Y UNA TAPA (3) SITUADA SOBRE LARGOS PIVOTES (6) QUE DISPONE EN SU PARTE SUPERIOR UN ORIFICIO SUSCEPTIBLE DE ALOJAR UNA REJILLA (8) PORTADORA DE UNA FEROMONA Y SUSCEPTIBLE DE SER TAPADO POR UN TAPON (9), Y POSEYENDO DICHA TAPA UNOS DISPOSITIVOS COLGADORES (10).

Machine translation: 1. Field trap catches insects, OF THE TYPE COMPRISING A receptacle and an attractant, characterized in that it comprises a container or body (1) CAPPING OR COVERED BY A CUBRECUERPO (2) HAVING A CENTRAL hole (22) WHICH HAS A CENTRAL ALSO INPUT IN THE FORM OF truncated cone (12) and a cover (3) located on Long Pivots (6) WHICH HAS AT ITS TOP A HOLE capable of accommodating a grid (8) carrying a pheromone AND CAPABLE OF BEING COVERED BY A cap (9), and having said cover devices hangers (10).

Classifications:
International (IPC 8-9): A01M1/02 (Advanced/Invention); A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/02



Family:

Publication number	Publication date	Application number	Application date
ES1032005 UA	19960316	ES19950002300U	19950907
ES1032005 Y1	19960801	ES19950002300U	19950907
ES1032005 YA	19960801	ES19950002300U	19950907

Priority:
ES19950002300U 19950907

Probable Assignee:	BIOESTIMULANTES AGRICOLAS S L
Assignee(s): (std):	BIOESTIMULANTES AGRICOLAS S L
Assignee(s):	BIOESTIMULANTES AGRICOLAS SL
Inventor(s): (std):	MORALES MELIAN ANA CRISTINA

261) Family number: 33301589 (ES2258414B)

Title: CEBO ALIMENTICIO SINTETICO

Abstract: The synthetic bait for fruit pests has C1-16 aliphatic amines, ammonium salts and a vegetable protein and attracts Ceratitis capitata wied and Anastrepha ssp. tephritides. It remains active for long periods, and is environment-friendly.
Classifications:
International (IPC 8-9): A01N25/02 (Advanced/Invention)
CPC: A01N25/006
European: A01N25/00B4

PatBase - ES2258414_BB

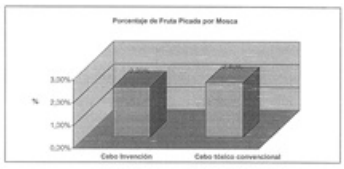


Fig. 1

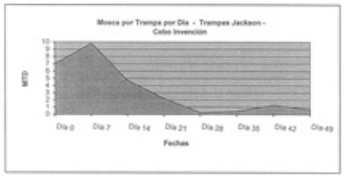


Fig. 2

12

Family:

Publication number	Publication date	Application number	Application date
ES2258414 AA	20060816	ES20060000573	20060308
ES2258414 BB	20071101	ES20060000573	20060308

Priority:

ES20060000573 20060308

Probable Assignee: DE ROSAS CESAR ALBERTO

Assignee(s): (std)**:** DE ROSAS CESAR ALBERTO ; DE ROSAS DIEGO BERNARDO

Inventor(s): (std)**:** DE ROSAS CESAR ALBERTO ; DE ROSAS DIEGO BERNARDO

262) Family number: 60746594 (US2017044560A)

© PatBase

Title: COMPOSITIONS AND METHODS FOR REDUCING PATHOGEN-INDUCED CITRUS GREENING

Abstract: The present invention, in some embodiments thereof, relates to methods for enhancing fitness of pathogen-infected plants, and, more particularly, but not exclusively, to methods of using RNA interference for modulation of plant-pathogen resistance response gene expression. In particular, the present invention provides compositions and methods for enhancing host plant fitness and fruit yield and quality following Candidatus Liberibacter spp infection and, specifically, Candidatus Liberibacter spp infection in citrus plants and trees, as in Huang Long Bing.

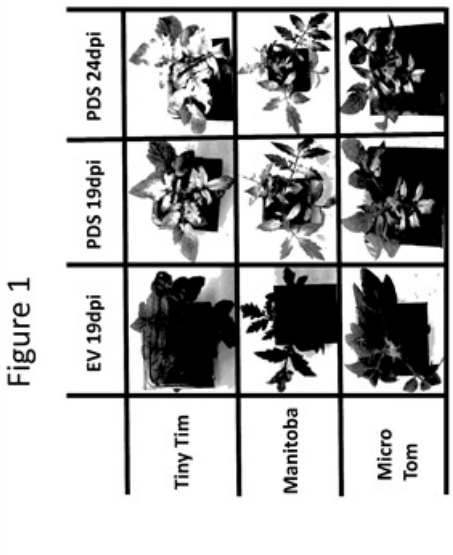
Classifications:

International (IPC 8-9): A01H A01H5/00 A01K67/033 A01N A01N25/00 A01N25/02 A01N25/10 A01N53/08 A01N57/16 A01N63/00 A01N63/02 A01N63/04 A01N65/03 A01N65/36 A01P1/00 A01P23/00 A01P7/04 C07K C07K14/415 C12N C12N1/21 C12N15/113 C12N15/29 C12N15/52 C12N15/63 C12N15/79 C12N15/82 (Advanced/Invention);
A01H5/00 (Core/Invention);
C12N (Subclass/Invention)

CPC: C07K14/415 C12N15/8281 C12N15/8261 C12N15/8271 C12N15/8243 C12N15/8245 C12N15/8273 C12N15/827 A01N65/03 C12N2310/14 C12N2320/32 A01N25/006 A01N25/02 A01N25/10 C12N2320/35 C12N2320/30 C12N15/8218 C12N15/113 C12N15/1137 A01N63/00 A01N25/002 A01K67/0339 A01K2217/07 A01K2227/706 A01K2267/02 C12N15/1138 A01N57/16

US: 424/93.2 424/93.461 514/44A 800/290

PatBase - US2017044560_AA



Family:

Publication number	Publication date	Application number	Application date
AU2015257286 AA	20161110	AU20150257286	20150504
AU2015257287 AA	20161110	AU20150257287	20150504
BR112016024321 A2	20180123	BR20161124321	20150504

BR112016024555 A2	20180123	BR20161124555	20150504
BR112016025516 A2	20180116	BR20161125516	20150504
CA2945736 AA	20161013	CA20152945736	20150504
CN106460008 A	20170222	CN201580036636	20150504
CN108064133 A	20180522	CN201580036601	20150504
EP3140401 A2	20170315	EP20150753486	20150504
EP3140405 A2	20170315	EP20150753487	20150504
IL248740 A0	20170131	IL20150248740	20150504
IL248741 A0	20170131	IL20150248741	20150504
KR20170005829 A	20170116	KR20167033959	20150504
MX2016014128 A1	20170523	MX20160014128	20150504
MX2016014129 A1	20170523	MX20160014129	20150504
SG11201609039Q A1	20161129	SG20161109039	20150504
US2017044560 AA	20170216	US20150306095	20150504
US2017051285 AA	20170223	US20150306772	20150504
US2017058278 AA	20170302	US20150307858	20150504
US2017071208 AA	20170316	US20150308394	20150504
US2017191065 AA	20170706	US20150307050	20150504
WO15170320 A2	20151112	WO2015IL50464	20150504
WO15170320 A3	20160303	WO2015IL50464	20150504
WO15170322 A2	20151112	WO2015IL50466	20150504
WO15170322 A3	20160310	WO2015IL50466	20150504
WO15170323 A2	20151112	WO2015IL50467	20150504
WO15170323 A3	20160310	WO2015IL50467	20150504
WO15170324 A2	20151112	WO2015IL50468	20150504
WO15170324 A3	20160310	WO2015IL50468	20150504
WO15170325 A2	20151112	WO2015IL50469	20150504
WO15170325 A3	20160310	WO2015IL50469	20150504
ZA201607242 A	20180131	ZA20160007242	20161020

Priority:

US20140988234P 20140504	US20140988235P 20140504	US20140988246P 20140504
US20140988236P 20140504	US20140988237P 20140504	US20150306095 20150504
WO2015IL50468 20150504	WO2015IL50467 20150504	WO2015IL50464 20150504
US20150307858 20150504	US20150306772 20150504	US20150308394 20150504
WO2015IL50466 20150504	US20150307050 20150504	WO2015IL50469 20150504

Probable Assignee: FORREST INNOVATIONS LTD

Assignee(s): (std): HUMBERTO FREIRE BONCRISTIANI JUNIOR ; NITZAN PALDI ; EYAL MAORI ; EMERSON SOARES BERNARDES ; FORREST INNOVATIONS CO LTD ; ALON WELLNER ; AVITAL WEISS ; FORREST INNOVATIONS LTD ; SHAUL ILAN

Assignee(s): MAORI EYAL ; BERNARDES EMERSON SOARES ; BONCRISTIANI JUNIOR HUMBERTO FREIRE ; FORREST INNOVATIONS CO ; PALDI NITZAN ; WEISS AVITAL

Inventor(s): (std): MAORI EYAL ; PALDI NITZAN ; BONCRISTIANI JUNIOR HUMBERTO FREIRE ; BERNARDES EMERSON SOARES ; WEISS AVITAL ; WELLNER ALON ; ILAN SHAUL ; NITZAN PALDI ; EYAL MAORI ; EMERSON SOARES BERNARDES ; HUMBERTO FREIRE BONCRISTIANI JUNIOR ; SHAUL ILAN ; ALON WELLNER ; AVITAL WEISS ; BONCRISTIANI JUNIOR HUMBERTO

Agent(s): CULLENS PTY LTD; SPRUSON AND FERGUSON; INTEGRAL IP; JAEGER MICHAEL DAVID; EHRLICH GAL 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

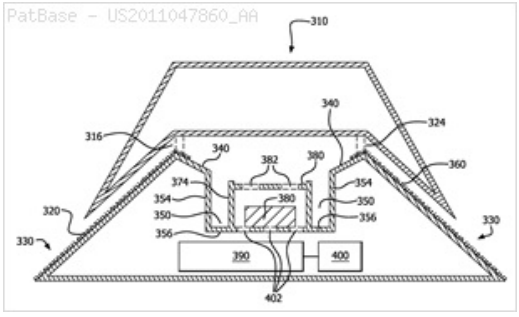
263) Family number: 48391594 (US2011047860A)

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Title: BED BUG CAPTURING DEVICE

Abstract: The present invention relates to a bed bug capturing device comprising: (a) a bed bug attractant element; and (b) a deadfall capturing element comprising at least one pathway comprising: (i) an upwardly sloped segment; (ii) a downwardly sloped segment having an outer portion; and (iii) a deadfall trap area: characterized in that the upwardly sloped segment and at least the outer portion of the downwardly sloped segment possesses an average surface roughness of at least about 2.5 micrometers.

Classifications:
International (IPC 8-9): A01M A01M1/02 A01M1/10 A01N A01N31/02 A01N35/02 (Advanced/Invention)
CPC: Y02A50/374 A01M1/103 A01M1/02 A01M1/2011 A01M2200/011
European: A01M1/02 A01M1/10C A01M1/20B1 K01M200/011
US: 43/107 43/107S 43/121 43/121S 43/123 43/123P



Family:

Publication number	Publication date	Application number	Application date
CA2771398 AA	20110310	CA20102771398	20100831
EP2473032 A2	20120711	EP20100814348	20100831
HK1166668 A1	20121109	HK20120107476	20120731
JP2013503633 T2	20130204	JP20120527966T	20100831

KR20120061860 A	20120613	KR20127005541	20100831
MX2012002754 A1	20120430	MX20120002754	20100831
US2011047860 AA	20110303	US20100872310	20100831
WO11028688 A2	20110310	WO2010US47260	20100831
WO11028688 A3	20110714	WO2010US47260	20100831

Priority:

US20090275825P 20090903 US20090286909P 20091216 US20100872310 20100831 WO2010US47260 20100831

Probable Assignee: FMC CORP

Assignee(s): (std): BLACK BRUCE C ; FMC CORP ; SHAH SHREYA J ; SHETH SHREYA ; WOODRUFF KEITH F ; VARANYAK LINDA A

Inventor(s): (std): VARANYAK LINDA A ; BLACK BRUCE C ; SHETH SHREYA ; SHAH SHREYA ; WOODRUFF KEITH F ; SHAH SHREYA J

Inventor(s): LINDA A VARANYAK ; BRUCE C BLACK ; SHREYA SHETH ; KEITH F WOODRUFF

Agent(s): SMART AND BIGGAR; EARNSHAW GEOFFREY MARK; DEACONS; BOLAND KEVIN J 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 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 PE PG PH PL PT RO RS RU 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

264) Family number: 16038597 (US6339897B)

© PatBase

Title: METHOD AND APPARATUS FOR DISPENSING AIRBORNE MATERIALS FOR CONTROLLING PESTS

Abstract: A method and apparatus for dispensing pheromones, semiochemicals, and other materials that can control the behavior or physiology of insects and other pests are described. The dispensers (AgJets) use electronic dispensing technology such as that used in ink jet printing. The units have a self-containing reservoir for the to-be-dispensed chemical, and they are capable of being activated to dispense by an electromagnetic signal from a broadcasting controller unit. Picoliter volumes of pheromones and semiochemicals can be dispensed in drop-on-demand mode. The units for dispensing shall be powered by battery and/or solar energy for hands-off operation in remote sites. The units may also have weather monitoring devices (thermometer, anemometer, humidity measurement), and such climactic information can be transmitted to central receiving stations and/or used locally in the AgJet device to control chemical dispensing.

Classifications:

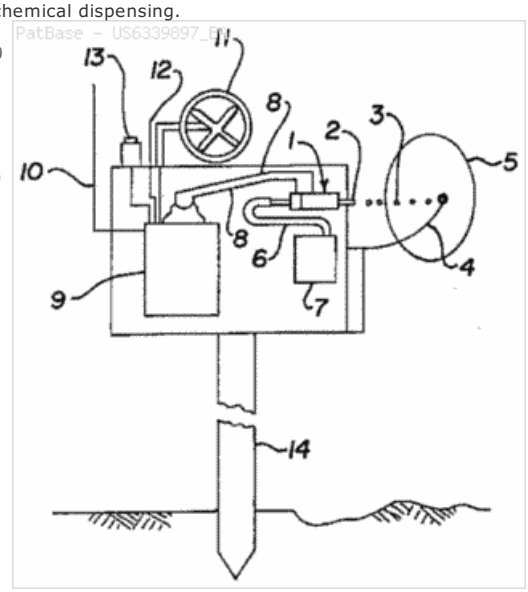
International (IPC 8-9): A01M1/20 A01M13/00 A01M7/00 B05B12/10 B05B12/12 (Advanced/Invention); B05B17/06 (Advanced/Non-invention); A01M1/20 A01M13/00 A01M7/00 B05B12/08 (Core/Invention); B05B17/04 (Core/Non-invention)

International (IPC 1-7): A01M1/20 A01M13/00 A01M7/00

CPC: Y10S43/90 A01M1/205 A01M7/0089 A01M2200/012 B05B12/10 B05B17/0607 B05B12/12

European: A01M1/20A A01M1/20C2L2 A01M13/00 A01M7/00G B05B12/10 B05B12/12 K01M200/012 K01M201/02 L05B17/06B

US: 43/125 43/129 43/132.1 43/900



Family:

Publication number	Publication date	Application number	Application date
US6339897 BA	20020122	US20010801994	20010308

Priority:

US19970051900P 19970708 US19980110486 19980706 US20010801994 20010308

Probable Assignee: MICROFAB TECHNOLOGIES INC

Assignee(s): (std): MICROFAB TECH INC

Assignee(s): MICROFAB TECHNOLOGIES INC ; MICROF TECHNOLOGIES INC AB

Inventor(s): (std): FREDERICKSON CHRISTOPHER J ; HAYES DONALD J ; SINKS MURRAY

265) Family number: 31830598 (US2007101460A)

© PatBase

Title: NUCLEOTIDE SEQUENCES AND POLYPEPTIDES ENCODED THEREBY USEFUL FOR PRODUCING TRANSFORMED PLANTS EXPRESSING LETHAL/NONVIABILITY GENES

Abstract: Isolated polynucleotides and polypeptides encoded thereby are described, together with the use of those products for making transgenic plants that are characterized by producing seeds that are not viable, not fertile, are not capable of germinating, or are otherwise not capable of regenerating into mature plants.

Classifications:

International (IPC 8-9): A01H1/00 A01H5/00 A01H5/10 C07H21/04 C07K14/415 C12N15/29 C12N15/82 C12N5/04 C12P21/06 (Advanced/Invention)

International (IPC 1-7): A01H5/00 A01H5/10 C12N15/29 C12N15/82
CPC: C07K14/415 C12N15/8265 C12N15/8266 C12N15/8267
European: C07K14/415 C12N15/82C8A4 C12N15/82C8A6 C12N15/82C8A8
US: 435/419 435/419S 435/468 435/468S 435/69.1 435/69.100S 530/370 530/370S 536/23.6 536/23.600S 800/287 800/287P

Family:

Publication number	Publication date	Application number	Application date
AU2003304501 AA	20050427	AU20030304501	20030917
CA2540199 AA	20060317	CA20032540199	20030917
EP1675955 A1	20060705	EP20030756812	20030917
EP1675955 A4	20070404	EP20030756812	20030917
US2007101460 AA	20070503	US20030572221	20030917
WO05035763 A1	20050421	WO2003US29054	20030917

Priority:

US20030572221 20030917 WO2003US29054 20030917

Probable Assignee: CERES INC

Assignee(s): (std): ALEXANDROV NIKOLAI ; CERES INC ; FELDMAN KENNETH ; NADZAN GREGORY ; ZHANG HONGYU

Assignee(s): FELDMANN KENNETH

Inventor(s): (std): ALEXANDROV NIKOLAI ; FELDMAN KENNETH ; GREGORY NADZAN ; HONGYU ZHANG ; KENNETH FELDMAN ; NADZAN GREGORY ; NIKOLAI ALEXANDROV ; ZHANG HONGYU ; ALEXANDROV NICKOLAI

Inventor(s): FELDMANN KENNETH

Agent(s): PHILLIPS ORMONDE FITZPATRICK; KIRBY EADES GALE BAKER; BIRCH STEWART KOLASCH AND BIRCH

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 EG 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 NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

266) Family number: 32887602 (US2009196876A)

© PatBase

Title: NOVEL GENE DISRUPTIONS, COMPOSITIONS AND METHODS RELATING THERETO

Abstract: The present invention relates to transgenic animals, as well as compositions and methods relating to the characterization of gene function. Specifically, the present invention provides transgenic mice comprising disruptions in PRO194, PRO220, PRO241, PRO284, PRO331, PRO354, PRO355, PRO533, PRO541, PRO725, PRO937, PRO1014, PRO1120, PRO1182, PRO1325, PRO1382, PRO1410, PRO1555, PRO1556, PRO1760, PRO1787, PRO1868, PRO4326, PRO4332, PRO4346, PRO4400, PRO6003, PRO6094, PRO6244, PRO9820, PRO9828, PRO10274, PRO16090, PRO19644, PRO21340, PRO92165, PRO85143, PRO1124, PRO1026 or PRO23370 genes. Such in vivo studies and characterizations may provide valuable identification and discovery of therapeutics and/or treatments useful in the prevention, amelioration or correction of diseases or dysfunctions associated with gene disruptions such as neurological disorders; cardiovascular, endothelial or angiogenic disorders; eye abnormalities; immunological disorders; oncological disorders; bone metabolic abnormalities or disorders; lipid metabolic disorders; or developmental abnormalities.

Classifications:

International (IPC 8-9): A61K31/00 A61K38/00 A61K39/395 A61K45/00 A61P1/04 A61P1/16 A61P1/18 A61P11/00 A61P11/02 A61P11/06 A61P13/12 A61P15/00 A61P15/08 A61P15/10 A61P17/00 A61P17/02 A61P17/04 A61P17/06 A61P19/00 A61P19/02 A61P19/06 A61P19/10 A61P21/00 A61P25/00 A61P25/02 A61P25/08 A61P25/14 A61P25/18 A61P25/20 A61P25/22 A61P25/24 A61P25/28 A61P25/32 A61P27/00 A61P27/02 A61P27/06 A61P27/12 A61P29/00 A61P3/00 A61P3/06 A61P3/10 A61P3/12 A61P3/14 A61P31/04 A61P31/14 A61P31/20 A61P35/00 A61P37/00 A61P37/02 A61P37/08 A61P41/00 A61P43/00 A61P5/14 A61P5/18 A61P7/00 A61P7/06 A61P7/10 A61P9/00 A61P9/04 A61P9/10 A61P9/12 A61P9/14 C07K14/47 C07K16/18 C12N15/09 C12N5/10 C12Q1/00 C12Q1/02 C12Q1/04 C12Q1/06 C12Q1/68 E06B9/26 E06B9/266 E06B9/38 E06B9/384 G01N33/00 G01N33/48 G01N33/50 (Advanced/Invention);
A01K67/027 C07K14/47 C12N15/85 (Advanced/Non-invention);
A61K39/395 A61K45/00 A61P1/00 A61P11/00 A61P13/00 A61P15/00 A61P17/00 A61P19/00 A61P21/00 A61P25/00 A61P27/00 A61P29/00 A61P3/00 A61P31/00 A61P35/00 A61P37/00 A61P41/00 A61P43/00 A61P5/00 A61P7/00 A61P9/00 C07K14/43 C07K14/435 C07K16/18 C12N15/09 C12N5/10 C12Q1/02 C12Q1/04 C12Q1/06 C12Q1/68 G01N33/00 (Core/Invention);
A01K67/027 (Core/Non-invention);
C07K (Subclass/Invention)



CPC: A01K67/0276 A01K2217/075 A01K2227/105 A01K2267/035
European: A01K67/027M2 K01K217/07B K01K227/10M K01K267/03K
US: 424/158.1 424/158.100P 435/325 435/325S 435/352 435/352S 530/387.1 530/387.100S 800/11 800/18 800/3 800/3P 800/3S

Family:

Publication number	Publication date	Application number	Application date
AU2005301152 AA	20060511	AU20050301152	20051018
CA2584297 AA	20070413	CA20052584297	20051018
EP1817335 A2	20070815	EP20050837234	20051018
JP2008517625 T2	20080529	JP20070538976T	20051018
US2009196876 AA	20090806	US20050577547	20051018
US2012210450 AA	20120816	US20110082706	20110408
US7947866 BB	20110524	US20050577547	20051018
WO06049854 A2	20060511	WO2005US37291	20051018
WO06049854 A3	20070510	WO2005US37291	20051018
ZA200704338 A	20090325	ZA20070004338	20051018
ZA200806860 A	20090729	ZA20080006860	20080808
ZA200806861 A	20090729	ZA20080006861	20080808
ZA200806862 A	20090729	ZA20080006862	20080808

ZA200806863 A	20090729	ZA20080006863	20080808
ZA200806864 A	20090729	ZA20080006864	20080808
ZA200806866 A	20090729	ZA20080006866	20080808

Priority:

US20040623789P 20041029 US20050577547 20051018 WO2005US37291 20051018
US20070577547 20070419 US20110082706 20110408

Probable Assignee: LEXICON GENETICS INC

Assignee(s): (std): BYERS HORNER ALLISON ANNE ; COMBS KATHERIN ; COMBS KATHERIN E ; DE SAUVAGE FRED ; DESAUVAGE FREDERIC ; DING ZHIYONG ; GENENTECH INC ; LEXICON GENETICS INC ; FRENCH DOROTHY ; GONZALEZ LINO ; LEXICON PHARMACEUTICALS INC ; MASSEY ERIN MARIE ; MINZE LAURIE JEANETTE ; MONTGOMERY CHUCK ; PRAETOR ASJA ; RANGEL CAROLINA ; SHI ZHENG ZHENG ; SPARKS MARY JEAN ; STALA JOY ; VOGEL PETER ; WILLIS SEVAUX TRACY ELLEN ; YE WEILAN ; MONTGOMERY CHARLES ; STALA JOY ANNE ; LEXION PHARMACEUTICALS INC GEN

Assignee(s): GENETECH INC ; LEXION PHARMACEUTICALS INC GENENTECH INC ; MONTGOMERY CHARLES A ; LEXION PHARMACEUTICALS INC

Inventor(s): (std): ANNE STALA JOY ; BYERS HORNER ALLISON ANNE ; COMBS KATHERIN ; DESAUVAGE FREDERIC ; DING ZHIYONG ; ELLEN WILLIS SEVAUX TRACEY ; MASSEY ERIN MARIE ; MINZE LAURIE JEANETTE ; MONTGOMERY CHUCK ; PRAETOR ASJA ; RANGEL CAROLINA ; SHI ZHENG ZHENG ; SPARKS MARY JEAN ; STALA JOY ; WILLIS SEVAUX TRACY ELLEN ; YE WEILAN ; ZHIYONG DING ; ZHENG ZHENG SHI ; WEILAN YE ; PETER VOGEL ; MARIE MASSEY ERIN ; LINO GONZALEZ ; KATHERIN COMBS ; JOY STALA ; JEANETTE MINZE LAURIE ; JEAN SPARKS MARY ; FREDERIC DESAUVAGE ; ELLEN WILLIS SEVAUX TRACY ; DOROTHY FRENCH ; CHUCK MONTGOMERY ; CAROLINA RANGEL ; ASJA PRAETOR ; ANNE BYERS HORNER ALLISON ; ANNE BAYERS HORNER ALLISON ; STALA JOY ANNE ; MONTGOMERY CHARLES A ; MONTGOMERY CHARLES ; DE SAUVAGE FRED ; COMBS KATHERIN E ; FRENCH DOROTHY ; GONZALEZ LINO ; KATHERINE COMBS ; VOGEL PETER

Inventor(s): WILLIS SEVAUX TRACEY ELLEN ; ALLISON ANNE BYERS HORNER ; LAURIE JEANETTE MINZE ; MARY JEAN SPARKS ; BAYERS HORNER ALLISON ANNE ; TRACY ELLEN WILLIS SEVAUX ; ERIN MARIE MASSEY ; COMBS KATHERINE

Agent(s): GRIFFITH HACK; SMART AND BIGGAR; GENENTECH INC; BONNY; CHRISTOPHER; ARNOLD AND PORTER LLP

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

267) Family number: 34660602 (ES1043296Y)

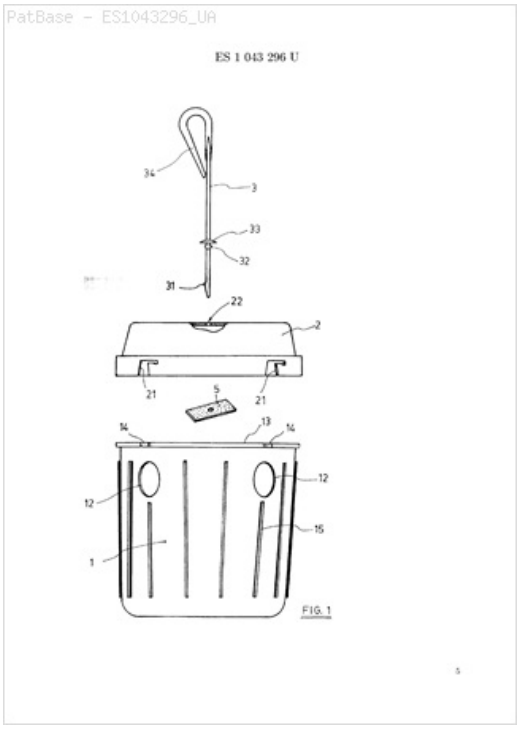
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Title: MOSQUERO PERFECCIONADO.

Abstract: Source: ES1043296U [ES] 1. Mosquero perfeccionado, del tipo de los empleados para atrapar moscas y que comprenden un recipiente troncoconico (1) provisto de unos orificios laterales (12), de una boca superior (13) y de una entrada tubular inferior (11) que se prolonga hacia el interior de aquel, una tapa superior (2) extraible y unos medios para su colgado; alojandose en el interior del recipiente (1) un producto atrayente (4) y un producto insecticida (5); caracterizado porque los medios para el colgado del mosquero estan compuestos por un baston (3) que presenta en su extremo inferior una punta (31) a modo de arpon, y en su zona intermedia un regruesamiento conico (32) y un tope periferico (33) destinado a actuar contra la superficie superior de la tapa.

Machine translation: 1. Mosquero perfected, of the type used for catching flies and comprising a frustoconical container (1) provided with side holes (12), an upper mouth (13) and a lower tubular inlet (11) which extends toward the inside of that, an upper cover (2) Removable and means for hanging; staying inside the container (1), (4) an attractant and an insecticide product (5); characterized in that the means for hanging the mosquero are composed of a stick (3) having at its lower end a tip (31) harpoon, and in its intermediate area a conical thickening (32) and a stop (33) intended to act against the upper surface of The lid.

Classifications:
International (IPC 8-9): A01M1/02 (Advanced/Invention); A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/02



Family:

Publication number	Publication date	Application number	Application date
ES1043296 UA	19991201	ES19990001540U	19990614
ES1043296 Y1	20010201	ES19990001540U	19990614
ES1043296 YA	20010201	ES19990001540U	19990614

Priority:

ES19990001540U 19990614

Probable Assignee: KENOGARD S A

Assignee(s): (std)**:** KENOGARD S A

Assignee(s): KENOGARD SA

Inventor(s): (std)**:** ZARAGOZA BALLESTE ABEL

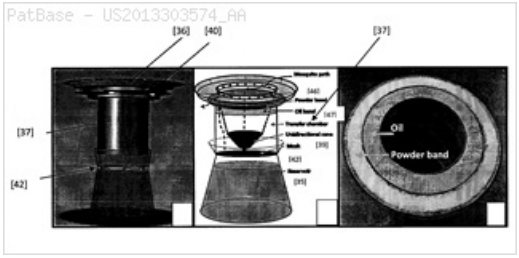
268) Family number: 52405604 (US2013303574A)

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Title: AUTODISSEMINATION OF AN INSECT-GROWTH REGULATOR FOR INSECT MANAGEMENT

Abstract: The described invention provides a gel formulation of a composition comprising at least one insecticide in an amount effective to control an insect larval population, an apparatus for autodissmenination of an insecticide for insect management containing (1) a cap component, (2) a cup component, and (3) a mesh component, a method and a system for autodissemination for effectively controlling an insect larval population. Also disclosed is an improvided biphasic autodissemination station for control of undesirable insect populations.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/20 A01N25/00 A01N25/04 A01N25/24 A01N43/40 (Advanced/Invention)
CPC: A01M2200/011 A01M2200/012 A01M1/2005 A01M1/2011 A01M1/2016 A01N25/04 A01M1/02 A01M1/20 A01N25/00 A01N25/24 A01N43/40
US: 1/1 43/131 43/132.1 514/345



Family:

Publication number	Publication date	Application number	Application date
US2013303574 AA	20131114	US20130863359	20130415
US2016242403 AA	20160825	US20160050439	20160222
US9265247 BB	20160223	US20130863359	20130415
US10258027 BB	20190416	US20160050439	20160222
WO12158192 A1	20121122	WO2011US56106	20111013

Priority:

US20100393681P 20101015 US20110490449P 20110526 WO2011US56106 20111013
US20130863359 20130415 US20160050439 20160222

Probable Assignee: RUTGERS STATE UNIV OF NEW JERSEY

Assignee(s): (std)**:** GAUGLER RANDY ; RUTGERS STATE UNIV OF NEW JERSEY ; SUMAN DEVI ; WANG YI ; UNIV RUTGERS

Assignee(s): RUTGERS THE STATE UNIVERSITY OF NEW JERSEY ; NATIONAL INSTITUTES OF HEALTH NIH US DEPT OF HEALTH AND HUMAN SERVICES DHHS US GOVERNMENT

Inventor(s): (std)**:** SUMAN DEVI ; WANG YI ; GAUGLER RANDY

Agent(s): KATHLEEN D; DANN DORFMAN HERRELL AND SKILLMAN; RIGAUT KATHLEEN D; HOWSON AND HOWSONLLP; LUBIT BEVERLY W

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 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 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 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

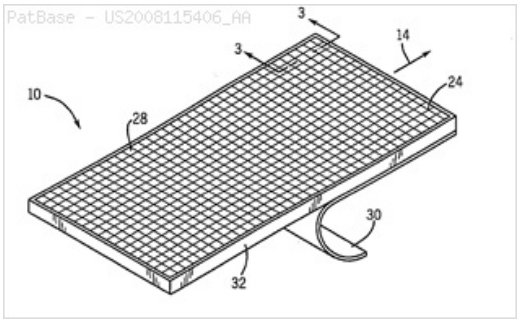
269) Family number: 41819604 (US2008115406A)

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Title: INSECT CONTROL TAPE

Abstract: An insect control tape that includes a substrate having a longitudinal direction with a first face and a second face opposite the first face. An insecticide or other pest control agent is applied to the first face in a longitudinal strip with adjacent side regions that are free of the agent. An adhesive covers at least part of the second face to anchor the tape on a floor. A web covers the first face and the agent. A consumer can press the tape down on a floor by contacting the web to install the tape, with reduced risk of contacting active, while still permitting crawling insects such as roaches to normally contact the active as they crawl over the tape.

Classifications:
International (IPC 8-9): A01M1/20 A01M29/34 (Advanced/Invention)
CPC: A01M1/2011 A01M29/34
European: A01M1/20B1 A01M29/34
US: 43/114 43/131 43/132.1



Family:

Publication number	Publication date	Application number	Application date
US2008115406 AA	20080522	US20060560386	20061116
WO08063540 A1	20080529	WO2007US24019	20071115

Priority:

US20060560386 20061116

Probable Assignee: JOHNSON AND SON INC S C

Assignee(s): (std): DUSTON TYLER D ; HAINZE JOHN H ; HIGAREDA JOSE DE JESUS CASTILL ; JOHNSON AND SON INC S C ; VNUK NANCY J ; MINEAU STEVEN B

Assignee(s): S C JOHNSON AND SON INC ; HIGAREDA JOSE DE JESUS CASTILLO

Inventor(s): (std): VNUK NANCY J ; MINEAU STEVEN B ; DUSTON TYLER D ; HIGAREDA JOSE DE JESUS CASTILL ; HAINZE JOHN H

Inventor(s): HIGAREDA JOSE DE JESUS CASTILLO

Agent(s): SC JOHNSON AND SON INC; HOUSER DAVID J

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 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

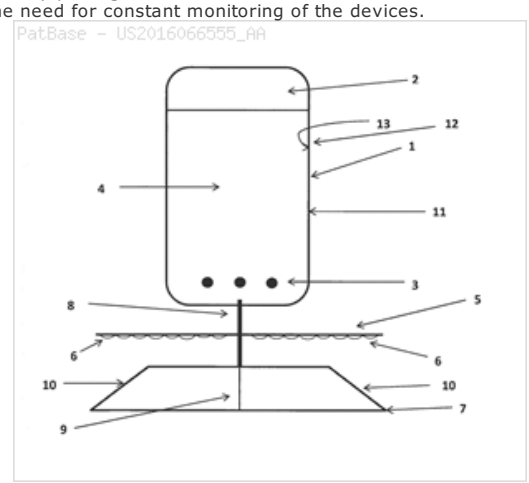
270) Family number: 61841605 (US2016066555A)

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Title: MODULAR INSECT TRAP

Abstract: The invention relates to a trap for collecting arthropods, for example ticks. The device comprises an attractant placed over an adhesive surface with the adhesive facing down or at an angle to prevent debris from inadvertently collecting. The arthropods, attracted to the device by the attractant then adhere to the adhesive surface on their dorsal side. The invention also relates to a method of using the device to collect insects by placing one or more of the devices in a desired collection area and collecting insects over a period of time without the need for constant monitoring of the devices.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01M1/14 A01N25/34 A01N59/04 (Advanced/Invention)
CPC: A01M1/14 A01N59/04 A01M1/02 A01M1/023 Y02A50/375 A01N25/34
US: 43/114 43/132.1



Family:

Publication number	Publication date	Application number	Application date
US2016066555 AA	20160310	US20150844170	20150903
US2019000062 AA	20190103	US20180126050	20180910
US10098337 BB	20181016	US20150844170	20150903
WO16036921 A1	20160310	WO2015US48268	20150903

Priority:

US20140045801P 20140904 US20150844170 20150903 US20180126050 20180910

Probable Assignee: US NAVY

Assignee(s): (std): US NAVY ; USA REPRESENTED BY SECRETARY OF NAVY AS ; YANS MATTHEW W

Assignee(s): SECRETARY OF NAVY AS US GOV

Inventor(s): (std): YANS MATTHEW W

Agent(s): TSO DIANE P; YANG NING; CHURILLA ALBERT M; CHURILLA ALBERT

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

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271) Family number: 31989607 (US2007117868A)

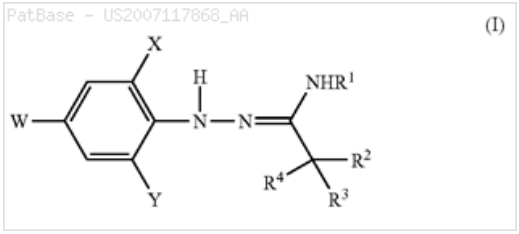
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Title: USE OF N-ARYLHYDRAZINE DERIVATIVES FOR COMBATING NON-CROP PESTS

Abstract: Use of hydrazine derivatives of formula I: wherein W is chlorine or trifluoromethyl; X and Y are each independently chlorine or bromine; R^1 is alkyl, alkenyl, alkynyl, or cycloalkyl which may be substituted with 1 to 3 halogen atoms, or alkyl which is substituted by alkoxy; R^2 and R^3 are alkyl or may be taken together to form cycloalkyl which may be unsubstituted or substituted by 1 to 3 halogen atoms; R^4 is hydrogen or alkyl, or the enantiomers or salts thereof, for combating non-crop pests. Use of compounds of formula I for the protection of non-living organic materials and for the protection of animals against non-crop pests.

Classifications:

International (IPC 8-9): A01N25/00 A01N25/26 A01N29/04 A01N33/06 A01N33/26 A01N35/08 A01N37/00 A01N37/28 A01N37/52 A01P15/00 A01P7/00 A01P7/02 A01P7/04 A61K31/15 A61K31/155 A61P33/00 C07C257/22 (Advanced/Invention); A01N37/00 A01N37/52 A01P15/00 A01P7/00 (Advanced/Non-invention); A01N25/00 A01N25/26 A01N33/00 A01N37/00 A01N37/28 A01N37/52 A01P15/00 A01P7/00 A01P7/02 A01P7/04 A61K31/15 A61K31/155 A61P33/00 C07C257/00 (Core/Invention); A01N37/52 C07C257/22 (Core/Non-invention); A01N (Subclass/Invention)



International (IPC 1-7): A01N 37/52 A01N29/00 A01N29/04 A01N33/00 A01N35/08 A01N37/00 A01N37/28 A01N37/52 A01N43/40 A01N43/54 A01N43/58 A61K31/435 A61K31/44 A61K31/495 A61K31/50 A61K31/505 A61P33/00 C07C257/22 C07D213/00 C07D237/00 C07D239/00 C07D241/00

CPC: A01N33/26 A01N53/00 A01N37/52

European: A01N33/26 A01N37/52 A01N53/00

US: 504/100 504/100S 514/632 514/634

Family:

Publication number	Publication date	Application number	Application date
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AR046746 AA	20051221	AR2004P104496	20041202
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AT372674 E	20070915	AT20040819647T	20041202
AT424724 E	20090315	AT20040803436T	20041202
AU2004294298 AA	20050616	AU20040294298	20041202
AU2004294299 AA	20050616	AU20040294299	20041202
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UA81561 C2	20080110	UA20060007448	20041202
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US2007259962 AA	20071108	US20040580700	20041202
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WO05053402 A2	20050616	WO2004EP13685	20041202
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WO05053403 A2	20050616	WO2004EP13687	20041202
WO05053403 A3	20050728	WO2004EP13687	20041202
ZA200605458 A	20071128	ZA20060005458	20060703
ZA200605459 A	20071128	ZA20060005459	20060703
ZA200605460 A	20071227	ZA20060005460	20060703

Priority:

US20030526609	20031204	US20030526609P	20031204	EP20040803437	20041202
EP20040819647	20041202	US20040580595	20041202	US20040580700	20041202
WO2004EP13685	20041202	WO2004EP13687	20041202	WO2004EP13686	20041202

Probable Assignee: BASF SE

Assignee(s): (std): BASF AKTIENGESELLSCHAFT ; KUHN DAVID G ; COTTER HENRY VAN TUYL ; HICKS CAROL ; KORADIN CHRISTOPHER ; DEYN WOLFGANG V ; OLOUMI SADEGHI HASAAN ; COTTER HENRY V T ; DEYN WOLFGANG VON ; BASF SE ; ARMES NIGEL ; BASF AG ; BASF CORP ; VON DEYN WOLFGANG ; OLOUOMI SADEGHI HASSAN ; OLOUMI SADEGHI HASSAN ; ZELLER ALISSA

Assignee(s): BASF AKTIENGELLSCHAFT ; BASF AKTIENGESELLSCHAFTDE

Inventor(s): (std): VON DEYN WOLFGANG ; OLOUOMI SADEGHI HASSAN ; KUHN DAVID G ; ARMES NIGEL ; COTTER HENRY VAN TUYL ; HICKS CAROL ; OLOUMI SADEGHI HASSAN ; KORADIN CHRISTOPHER ; ZELLER ALISSA ; DEYN WOLFGANG VON ; CAROL VON DEYN WOLFGANG OLOUOM ; HASSAN OLOMI SADEGHI ; HASSAN OLOUMI SADEGHI ; NIGEL ARMES ; HENRY VAN TUYL COTTER ; CHRISTOPHER KORADIN ; CAROL HICKS ; DAVID G KUHN ; HASSAN OLOUOMI SADEGHI ; ALISSA ZELLER ; WOLFGANG VON DEYN ; DEYN WOLFGANG V ; OLOUMI SADEGHI HASAAN ; COTTER HENRY V T ; VON DEIN WOLFGANG ; COTTER HENRY VAN ; KUHN DAVID ; COTTER HENRY ; KORADIN DR CHRISTOPHER ; DEYN DR WOLFGANG VON ; ZELLER DR ALISSA ; TUYL COTTER HENRY VAN ; KUHN ROLF ; VON DEYN WOLFGAND ; WOLGANG VON DEYN ; DEYN WOLFGANG VON DR ; OLOMI SADEGHI HASSAN ; CHRISTOPHER DEYN WOLFGANG VON

Inventor(s): VON DEYN WOLFGANG OLOUOMI SADEGHI HASSAN KUHN DAVI ; DEYN WOLFGANG VON OLOUMI SADEGHI HASSAN KUHN DAVID ; DEYN WOLFGANG VON OLOUMI SADEGHI HASSAN KUHN... ; VON DEYN WOLFGANG OLOUOMI SADEGHI HASSAN KUHN... ; DEYN WOLFGANG VON OLOUMI SADEGHI HASSAN KUHN DAVID G ; VON DEYN WOLFGANG OLOUOMI SADEGHI HASSAN KUHN DAVID G ; DEYN WOLFGANG ; KORADIN CHRISTOPER ; VAN TUYL COTTER ; ZELLER ALLISA ; HENRY HICKS CAROL ; OLOUMI-SADEGHI, HASSAN ; DR CHRISTOPHER KORADIN ; DR WOLFGANG VON DEYN ; DR ALISSA ZELLER ; COTTER HENRY VT

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; ROBIC; HARNECKER; FUJITA TAKASHI; ISHII SADAJI; HIRAKI YUSUKE; HUTCHISON AND MASON; HUTCHISON LAW GROUP PLLC; HUTCHISON LAW GROUP

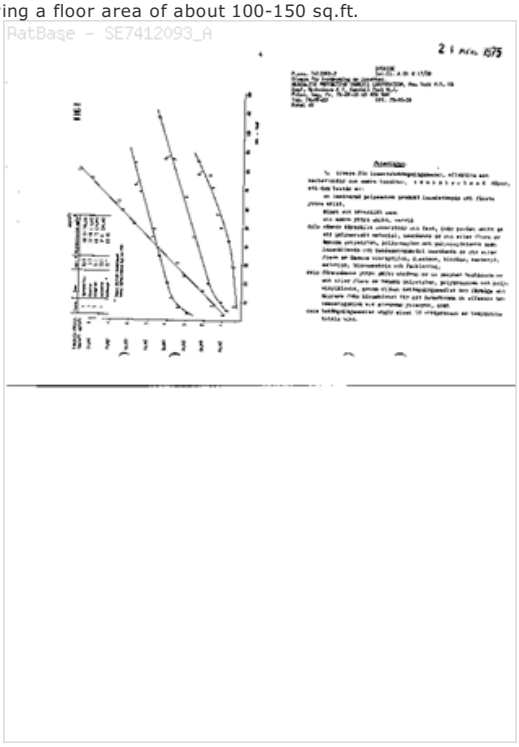
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO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

272) Family number: 1261609 (US4102991A)

Title: Process for controlling cockroaches and other crawling insects

Abstract: Process for controlling cockroaches and other crawling insects comprising deploying strips of polymeric controlled release dispensers to insect crawl paths and harborages, the dispensers containing a low volatility toxicant for the insects which is made available on the surfaces of the dispensers and which, in a concentration of from 50 to 500 mg/sq.ft. of dispenser active surface area, is lethal to the insects after relatively brief periods of direct physical contact. Generally, strips aggregating from about 1/3 to about 3 sq.ft., of active dispenser surface area are adequate to achieve control of cockroaches and other crawling insects in an average sized room having a floor area of about 100-150 sq.ft.

Classifications:
International (IPC 8-9): A01M1/14 A01M1/20 A01N25/00 A01N25/10 A01N25/18 A01N25/34 A01N43/02 A01N47/10 A01N53/02 A01N57/10 B32B27/00 B32B27/18 B32B27/32 B32B33/00 B32B7/00 (Advanced/Invention);
A01M1/20 C08L23/14 C08L27/08 C09D5/14 (Advanced/Non-invention);
A01M1/00 A01M1/20 A01N25/10 A01N25/18 A01N25/34 A01N43/02 A01N47/10 A01N53/00 A01N57/00 B32B27/00 B32B27/18 B32B27/32 B32B33/00 B32B7/00 (Core/Invention);
C08L23/00 C08L27/00 C09D5/14 (Core/Non-invention)
International (IPC 1-7): A01G13/10 A01K13/00 A01M1/00 A01M1/20 A01N17/00 A01N17/02 A01N17/08 A01N17/12 A01N17/14 A01N23/00 A01N25/10 A01N25/34 A01N43/02 A01N57/00 A01N9/00 A01N9/20 A01N9/24 A01N9/28 A01N9/30 A01N9/36 A61L3/00 B32B27/06 B32B27/18 B32B27/30 B32B27/32 B32B33/00 B32B5/18 C08L23/14 C08L27/08 C09D5/14 D21H5/22
CPC: A01N43/02 B32B27/08 B32B27/304 B32B2327/06 B32B2439/00 B32B27/00
European: 45L3K3A 45L3K6 45L8R9 A01N43/02 B32B27/00
US: 424/27 424/416 514/122 514/147 514/461 514/467 514/490 514/755 514/86 514/89



Family:

Publication number	Publication date	Application number	Application date
AR209597 A1	19770513	AR19740255764	19740925
AT336955 B	19770610	AT19740007671	19740924
AT767174 A	19760915	AT19740007671	19740924
AU197473491 A1	19760325	AU19740073491	19740919
AU197616701 A1	19780216	AU19760016701	19760809
AU504712 B2	19791025	AU19760016701	19760809
AU504792 B2	19791101	AU19740073491	19740919
BE820284 A	19750116	BE19740148844	19740924
BE844868 A	19761201	BE19760169545	19760804
BR7407966 A	19750916	BR19740007966	19740925
BR7407966 A0	19750916	BR19740007966	19740925
BR7605182 A	19770809	BR19760005182	19760806
CA1041950 A1	19781107	CA19740209371	19740917
CA1052266 A1	19790410	CA19760256949	19760714
CS179926 B2	19771230	CS19740006556	19740924
CS199634 B2	19800731	CS19760050540	19760803
DE2445753 A1	19750403	DE19742445753	19740925
DE2635764 A1	19770217	DE19762635764	19760809
DK355676 A	19770209	DK19760003556	19760806
DK501274 A	19750520	DK19740005012	19740924
ES430315 A1	19761001	ES19740430315	19740923
ES450922 A1	19771201	ES19760450922	19760807
FR2244403 A1	19750418	FR19740032314	19740925
FR2244403 B1	19780526	FR19740032314	19740925
FR2320053 A1	19770304	FR19760024323	19760809
FR2320053 B1	19800829	FR19760024323	19760809
GB1436075 A	19760519	GB19740041474	19740924
GB1544100 A	19790411	GB19760032867	19760806
GR59826 B	19780304	GR19760051284	19760716
GR59826 B	19780304	GR19760151284	19760716
GT197642549 A	19780128	GT19760042549	19760806
IL45713 A0	19741129	IL19740045713	19740923
IL45713 A1	19761231	IL19740045713	19740923
IL50086 A0	19760930	IL19760050086	19760720
IN139717 A	19760724	IN1974CA02131	19740924
IT1020854 A	19771230	IT19740069869	19740924
IT1069677 A	19850325	IT19760068977	19760806
JP1050858 C3	19810626	JP19760094092	19760809
JP50076233 A2	19750621	JP19740109652	19740925
JP52021178 A2	19770217	JP19760094092	19760809
JP55044574 B4	19801113	JP19760094092	19760809
JP56047881 B4	19811112	JP19740109652	19740925

MX4124 U	19820104	MX19760002140U	19760806
NL7412585 A	19750327	NL19740012585	19740924
NL7608743 A	19770210	NL19760008743	19760806
NZ181508 A	19781218	NZ19760181508	19760719
PH13184 A	19800114	PH19760018750	19760804
PL101234 B1	19781230	PL19740174318	19740925
SE7412093 A	19750326	SE19740012093	19740925
SE7608843 A	19770209	SE19760008843D	19760806
SE7608843 L	19770209	SE19760008843	19760806
SU556719 D	19770430	SU19742066712	19740925
TR18451 A	19770216	TR19740018451	19740925
TR19305 A	19781128	TR19760019305	19760809
US4102991 A	19780725	US19750603052	19750808
US4320113 A	19820316	US19780906307	19780515
ZA7406084 A	19751126	ZA19740006084	19740925
ZA7604745 A	19770727	ZA19760004745	19760806

Priority:

US19730400584 19730925 GB19740041474 19740924 US19750603052 19750808 US19780906307 19780515

Probable Assignee: HERCULITE PROTECTIVE FAB

Assignee(s): (std)**:** HERCULINE PROTECTIVE FAB CORP ; HERCULITE PROTECTIVE FAB ; N017 12

Assignee(s): HERCULITE PROTECTIVE FABRICS US CORP ; HERCULITE PROTECTIVE FABRICS COR US ; HERCULITE PROTECTIVE FABRICS COR ; HERCULITE PROTECTIVE FABRICS CO ; HERCULITE PROTEVTIVE CORP ; HERCULITE PROTECTIVE FABRICS CORP US ; HERCULITE PROTECTIVE FABRICS TE NEW YORK CORP ; KYDONIEUS AGIS F ; HERCULITE PROTECTIVE FAB CORP ; HERCULITE PROTECTIVE FABRICS ; HERCULITE PROTECTIVE FABRICS CORP ; HERCULITE CORP ; HERCULITE PRODUCTS INC ; HERCULITE PROECTIVE FABRICS CORP ; BANK OF TOKYO TRUST CO ; FIRST NATIONAL BANK OF MARYLAND ; HAAKIYURAITO PUROTEKUTEIBU FUABURIKUSU CORP

Inventor(s): (std)**:** AGISU FURANKU KIDONIUSU ; KYDONIEUS A F ; KYDONIEUS AGIS F ; KYDONIEUS AGIS FRANK ; KYDONIEUS A ; AGIS FRANK KYDONIEUS

Inventor(s): FRANK KYDONIEUS AGIS ; A F KYDONIEUS ; AF KYDONIEUS

Agent(s): DM; DAVIES COLLISON CAVE PTY LTD; DR YITZHAK HESS AND PARTNERS

273) Family number: 49463611 (WO11101871A2)

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Title: AN APPARATUS AND METHOD OF CATCHING AND KILLING MOSQUITOES AND FLIES

Abstract: This invention is useful for filtering out and killing mosquitoes in all stages of their life. Water surface may be planned or unplanned. When it is unplanned, a mosquito net (stretched position) is lowered on the mosquitoes sitting on water. Lower edges of the mosquito net dip in water along with the rings tied to them throughout their length. A thread passing through the rings is pulled keeping the rings under water. The mosquitoes are rounded up. To avoid their possible escapade, a thick cloth bag is used to put the gathered mosquito net in it. When the water surface Is planned, a filter cloth is kept already under it. Mosquitoes sitting on it and eggs etc are rounded up by lowering a stretched sheet of mosquito net cloth and subsequently covering it by a sheet of cloth.

Classifications:

International (IPC 8-9): A01M1/02 A01M1/10 A01M3/00 (Advanced/Invention)

CPC: Y02A50/371 A01M1/106 A01M3/002

European: A01M1/10F A01M3/00A

Family:

Publication number	Publication date	Application number	Application date
IN00371DE2010 A	20120504	IN2010DE00371	20100219
WO11101871 A2	20110825	WO2011IN00173	20110314
WO11101871 A3	20120301	WO2011IN00173	20110314

Priority:

IN2010DE00371 20100219

Probable Assignee: JAI CHAND

Assignee(s): (std)**:** JAI CHAND

Inventor(s): (std)**:** JAI CHAND

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 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 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 PE PG PH PL PT RO RS RU 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

274) Family number: 55374612 (US2015166528A)

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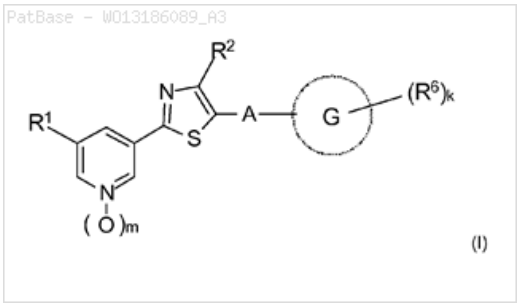
Title: PESTICIDAL METHODS USING SUBSTITUTED 3-PYRIDYL THIAZOLE COMPOUNDS AND DERIVATIVES FOR COMBATING ANIMAL PESTS

Abstract: The present invention relates to pesticidal methods for the use and application of substituted 3-pyridyl thiazole compounds and the stereoisomers, salts, tautomers and N-oxides thereof and to compositions comprising the same. The invention also relates to insecticidal substituted 3-pyridyl thiazole compounds or of the compositions comprising such compounds for combating invertebrate pests and uses thereof. The substituted 3-pyridyl thiazole compounds of the present invention are defined by the following general formula (I): wherein m, k, R1, R2, R6, G, and A are defined as in the description.

Classifications:

International (IPC 8-9): A01N25/00 A01N43/78 A01N47/34 A01P7/00 A61K31/4439 A61K31/444 A61K31/506 A61P33/00 A61P33/10 C07D417/14 (Advanced/Invention)

CPC: C07D417/04 C07D417/12 A61K31/4439 C07D417/14 A01N43/78
US: 504/100 514/274 514/333 514/342 544/315 544/318 546/256 546/270.4



Family:

Publication number	Publication date	Application number	Application date
BR112014030412 A2	20170627	BR20141130412	20130604
CN104640442 A	20150520	CN201380031612	20130604
EP2863738 A2	20150429	EP20130726552	20130604
JP2015525223 T2	20150903	JP20150516553T	20130604
MX2014015265 A1	20150812	MX20140015265	20130604
US2015166528 AA	20150618	US20130407731	20130604
WO13186089 A2	20131219	WO2013EP61508	20130604
WO13186089 A3	20140522	WO2013EP61508	20130604

Priority:

US20120659461P 20120614 US20130407731 20130604 WO2013EP61508 20130604

Probable Assignee: BASF SE

Assignee(s): (std)**:** BASF SCHWEIZ AG ; BASF SE

Inventor(s): (std)**:** KOERBER KARSTEN ; KAISER FLORIAN ; BANDUR NINA GERTRUD ; DICKHAUT JOACHIM ; NARINE ARUN ; NINA GERTRUD BANDUR ; ARUN NARINE ; KARSTEN KOERBER ; JOACHIM DICKHAUT ; FLORIAN KAISER

Agent(s): REITSTOETTER KINZEBACH; ARAI EIICHI; FUJITA TAKASHI; TANAKA NATSUO; HIRAKI YUSUKE; BASF SE

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

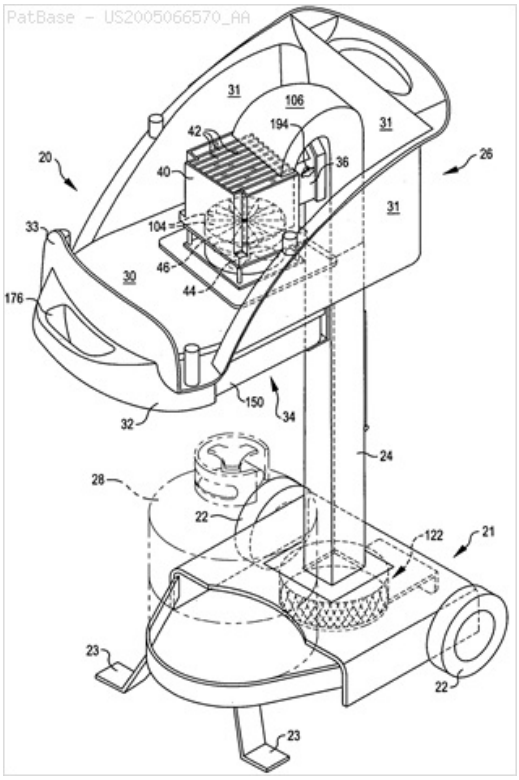
275) Family number: 31778614 (US2005066570A)

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Title: GAS TIP AND GAS TIP HOLDER FOR A MOSQUITO TRAP

Abstract: A trap for mosquitos or biting insects. The trap utilizes combustion to generate CO2, which is used as an attractant. An elongate gas tip holder is provided for the mosquito trap and is removable without disassembly of the mosquito trap and with one or no tools. Combustion gases are routed down a column of the mosquito trap to a diffuser located in the base. An attractant such as octenol may be mounted in the column. A circuit is also provided for indicating operation of the mosquito trap.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/06 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/02 A01M1/06
CPC: A01M1/02 A01M1/023 A01M1/06
European: A01M1/02 A01M1/02C A01M1/06
US: 43/139



Family:

Publication number	Publication date	Application number	Application date
TW200531627 A	20051001	TW20050107742	20050314
US2005066570 AA	20050331	US20040940826	20040914

Priority:

US20030505769P 20030925 US20040558340P 20040331 US20040940826 20040914

Probable Assignee: COLEMAN CO INC

Assignee(s): (std): COLEMAN CO

Assignee(s): COLEMAN CO INC ; THE COLEMAN COMPANY INC

Inventor(s): (std): MOSHER II ROBERT F ; MOSHER ROBERT F ; SCHMIDT FRANKLIN

Inventor(s): MOSHER ROBERT

Agent(s): LEYDIG VOIT AND MAYER LTD SEATTLE OFFICE

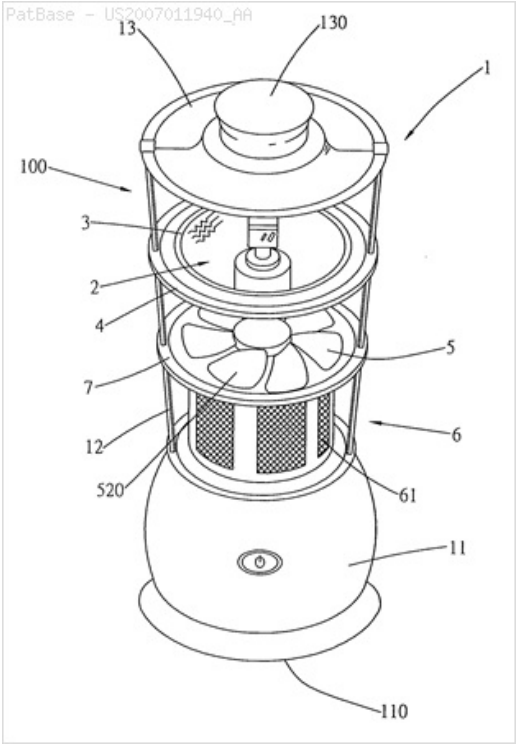
276) Family number: 33915618 (US2007011940A)

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Title: INTERMITTENT INSECT TRAP

Abstract: An intermittent insect trap, working time of which proceeds by alternating periods, and embodies two primary operations including actuation of ultrasonic waves to excite an attractant and form a mist and formation of a backpressure airflow, thereby ensuring that concentration of the mist is not disturbed and thus reduced by external forces during the course of vaporization, and thus preventing dilution of the attractant. Moreover, intermittent operation of a motor results in substantial savings in power. The insect trap primarily uses a mist excitation device to excite and disperse an insect attractant as attractant particles that suspend in the air and diffuse. After achieving a predetermined diffusion concentration, operation switches over to actuate a backpressure device, which pressures lured insects into a receiving chamber through a valve. The alternating working times and mechanical ensnaring of insects provide the insect trap with effective inducement and power saving features.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/08 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 A01M1/08 (Core/Invention)
International (IPC 1-7): A01M1/10
CPC: A01M1/02 A01M1/023 A01M1/08 A01M2200/012
European: A01M1/02 A01M1/02C A01M1/08 A01M1/10F K01M200/012 K01M201/02
US: 43/107 43/113 43/139



Family:

Publication number	Publication date	Application number	Application date
TW200701885 A	20070116	TW20050124117	20050715
TWI251464 B	20060321	TW20050124117	20050715
US2007011940 AA	20070118	US20050315375	20051223

Priority:

TW20050124117 20050715

Probable Assignee: KAI CHIH INDUSTRIAL CO LTD

Assignee(s): (std): KAI CHIH IND CO LTD ; TONG QIU YUE ; TUNG CHIOU YUE

Assignee(s): KAI CHIH INDUSTRIAL CO ; KAI CHIH INDUSTRIAL CO LTD

Inventor(s): (std): CHEN WEN BIN ; CHEN WEN PIN ; JEAN NAI YING ; JENG NAI YING ; ZHENG NAI YING

Agent(s): TROXELL LAW OFFICE PLLC

277) Family number: 9521620 (CA2158287A)

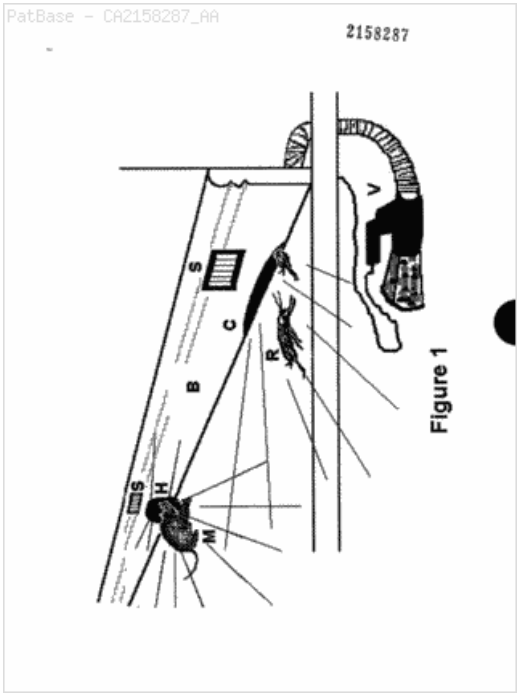
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Title: SENSOR ACTIVATED PEST CONTROL ASPIRATORS

Abstract: This invention relates to a series of physical pest control devices, herein referred to as "SENSOR ACTIVATED PEST CONTROL ASPIRATORS" or "S.A.P.C.A.". This invention is designed to capture pests like a lurking-robotic pest predator. This invention provides improvement to existing traps in that trapping takes place without the pest becoming engaged in or on the trapping device. Consequently, the efficiency of trapping is enhanced for common applications such as

roaches. silverfish and mice, and is particularly useful in new applications for the control of social Hymenoptera (wasps, hornets, bumble bees, honey bees, Africanized bees, and fire ants). The embodiment of this invention is a pest catching system that incorporates a true motion detecting sensor (not just a trigger) in turn connected to a responding-vacuum aspirator to specifically form a S.A.P.C.A. action-head. This action-head incorporates the sucking aspirator end and the sensor into a functional form for each particular pest application. At an opportune moment, in response to an approaching or passing pest animal, the S.A.P.C.A. suddenly draws in and captures the pest. An array of design models differ to suit the pest and the application. The positioning of the S.A.P.C.A. action-head at specific locations, specifically where a particular pest type instinctively frequents, is of importance.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/06 A01M23/02 A01M23/12 A01M31/00 (Advanced/Invention);
A01M1/00 A01M1/02 A01M23/00 A01M31/00 (Core/Invention)
International (IPC 1-7): A01M1/06
CPC: A01M1/026 A01M1/06 A01M23/02 A01M23/12 A01M31/002 A01M2200/012
European: A01M1/02E A01M1/06 A01M23/02 A01M23/12 A01M31/00A K01M200/012 K01M201/02



Family:

Publication number	Publication date	Application number	Application date
CA2158287 AA	19970315	CA19952158287	19950914

Priority:
CA19952158287 19950914

Probable Assignee: MALONEY PAUL JOHN
Assignee(s): (std)**:** MALONEY PAUL JOHN
Inventor(s): (std)**:** MALONEY PAUL JOHN

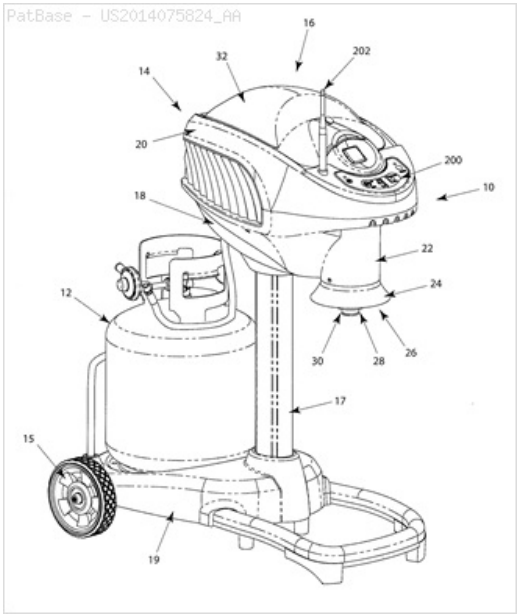
278) Family number: 56012622 (US2014075824A)

© PatBase

Title: WI-FI ENABLED INSECT TRAPPING APPARATUS

Abstract: A Wi-Fi enabled flying insect trapping device is provided that is able to wirelessly communicate information to, and receive commands and inquiries from, a remote device.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/06 H04L29/08 (Advanced/Invention)
CPC: A01M1/06 A01M1/023
US: 43/107



Family:

Publication number	Publication date	Application number	Application date
CN103734113 A	20140423	CN201310595954	20130913

EP2708121 A1	20140319	EP20130004343	20130904
US2014075824 AA	20140320	US20120618454	20120914

Priority:

US20120618454 20120914

Probable Assignee: WOODSTREAM CORP

Assignee(s): (std): BECK ANDREW ; EYER RICHARD L ; ROULSTON GARY ; WOODSTREAM CORP

Assignee(s): GENERAL ELECTRIC CAPITAL COLLATERAL AGENT AS CORP

Inventor(s): (std): EYER RICHARD L ; BECK ANDREW ; ROULSTON GARY ; GARY ROULSTON ; ANDREW BECK ; RICHARD L EYER

Agent(s): THOMA MICHAEL

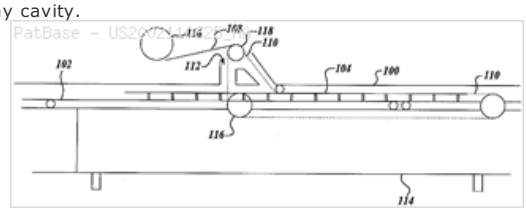
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

279) Family number: 29750624 (US2002110625A)

© PatBase

Title: CONTINUOUS PACKAGING IN ENCLOSED CONDUITS

Abstract: The invention relates to a package having a first web defining a cavity and a second web bonded to the first web, wherein the second web includes microperforations at a location that is specific to minimize the escape of liquids from the cavity to the exterior of the package. In one particular embodiment, the first web defines a four sided cavity with walls and corresponding flaps attached to the walls that can be folded and bonded to the cavity walls. The second web is an overwrapping lidding web, wherein microperforations are provided on the web material so that the microperforations are aligned with a flap recess, which in turn is in communication with the interior of the tray cavity. In this manner, suitable gas exchange can occur with minimal to no escape of liquids from the tray cavity.



Classifications:

International (IPC 8-9): A22C17/00 A22C17/08 A22C17/10 A22C18/00 A23B4/00 A23B4/12 A23B4/16 A23B4/18 A23B4/20 A23B4/24 A23B4/26 A23K1/18 A23L1/015 A23L1/27 A23L1/31 A23L1/312 A23L1/313 A23L1/317 A23L1/48 A23L13/00 A23L13/20 A23L13/30 A23L13/60 A23L3/015 A23L3/34 A23L3/3418 A23L3/3445 A23L35/00 A23L5/20 A23L5/40 A23P1/00 A23P1/02 A23P1/10 A61L2/16 B01D21/02 B01D21/26 B04B3/04 B32B37/00 B60K6/12 B61J1/08 B65B25/06 B65B31/00 B65B31/02 B65B47/02 B65B55/00 B65B55/12 B65B7/16 B65D21/00 B65D21/06 B65D5/42 B65D6/10 B65D77/20 B65D81/00 B65D81/20 B65D81/26 B65D81/28 B65D85/00 B65G47/61 C10L1/18 C10L5/00 C10L5/40 C12C3/04 F02B57/08 G01N21/00 G01N31/12 G01N33/12 G06Q30/00 (Advanced/Invention);
B04B1/20 (Advanced/Non-invention);
A23B4/00 A23B4/12 A23B4/14 A23B4/26 A23L1/015 A23L1/27 A23L1/31 A23L1/317 A23L3/015 A23L3/34 A23P1/02 A61L2/16 B01D21/02 B32B37/00 B65B25/00 B65B31/02 B65B7/16 B65D21/06 B65D6/00 B65D77/10 B65D81/20 B65D81/26 B65D81/28 C12C3/00 G01N33/02 (Core/Invention)

International (IPC 1-7): A01J1/00 A23B4/00 A23B4/12 A23C9/12 A23L1/27 A23P1/00 B01D11/02 B61J1/08 B65B25/06 B65B31/00 B65B31/02 B65B47/02 B65B51/10 B65B55/00 B65B9/04 B65D21/00 B65D5/42 B65D77/20 B65D81/00 B65D81/20 B65D85/00 B65G47/61 C12C3/04 G01N21/00 G01N33/02

CPC: A61L2/202 A61L2/22 B29C66/53461 B29C66/344 B29C2795/002 B29K2027/06 B29L2031/712 B01D21/262 B04B1/20 A22C17/00 A23L3/3445 B29C65/4815 B29C65/4825 A23V2200/10 A23V2250/11 A23B4/20 A23B4/26 A23J1/02 B29C65/7894 B29C66/83413 B29C66/83421 B29C66/83531 B01D21/34 B29C66/24244 A22C17/08 B01D21/02 B01D21/2405 B01D21/2433 B01D21/2444 B01D21/2461 B01D21/2494 B01D21/26 B01D2221/06 B65D81/261 B65B7/162 B65B51/02 B65D81/263 B29C66/71 A23L13/00 A23L5/20 A23L13/60 A23L5/23 B65B7/164 A22B5/0029 A22B5/0041 A22C17/10 Y02E50/30 A23B4/10 A23L3/3409 A23V2002/00 B65B31/028 B65D77/2008 B65D77/2024 G06Q30/0621 B65D81/264 B65B25/067 B65D21/062 B65D21/066 B65D81/2076 B65D81/267 B65D81/268 B65D81/28 A23B4/12 A23B4/00 A23B4/16 A23B4/24 A23L3/0155 A23L3/3418 G01N33/12 B29C66/1122 B01D21/245

European: A22B5/00B2 A22B5/00B4 A22C17/00 A22C17/08 A22C17/10 A23B4/00 A23B4/10 A23B4/12 A23B4/16 A23B4/20 A23B4/24 A23B4/26 A23L1/015 A23L1/015C A23L1/31 A23L1/317 A23L3/015F A23L3/3409 A23L3/3418 A23L3/3445 A61L2/20C A61L2/22 B01D21/02 B01D21/24A B01D21/24D B01D21/24G B01D21/24N4 B01D21/24V B01D21/30 B29C65/48 B29C66/344 B29C66/534 B65B25/06D1 B65B31/02F2 B65B7/16B B65B7/16B1 B65D21/06B B65D21/06D B65D77/20B1 B65D77/20E B65D81/20F1 B65D81/26E B65D81/26F1 B65D81/26F2 B65D81/28 B65G47/61 G06Q30/0621 K23V2/00 L01D21/26 L01D221/06 L29C65/48B2F L29C65/48B4 L29C795/00B L29K27/06 L29L31/712 Y02E50/30

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Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: SAFEFRESH TECHNOLOGIES LLC

Assignee(s): (std): ATKINSON KEVAN J ; CASE READY SOLUTIONS LLC ; GARWOOD ANTHONY J ; GARWOOD ANTHONY J M ; STEPHENS ROBERT M ; SAFEFRESH TECHNOLOGIES LLC ; AGB LLC ; GARWOOD NICHOLAS J

Assignee(s): STONE MICHAEL ; TIMMERMAN SF LLC ; MILLER ANDREW W ; AMERICAN BEEF PROCESSING LLC ; ANTHONY J GARWOOD ; GARWOOD ANTHONY JM ; FEFRESH TECHNOLOGIES LLC SA

Inventor(s): (std): GARWOOD ANTHONY J ; STEPHENS ROBERT M ; ATKINSON KEVAN J ; GARWOOD ANTHONY J M ; ANTHONY JM GARWOOD ; ANTHONY J GARWOOD ; ANTHONY J M GARWOOD ; ANTHONY J ; GARWOOD NICHOLAS J

Inventor(s): GARWOOD ANTHONY ; GARWOOD ANTHONY JM ; ROBERT M STEPHENS ; KEVAN J ATKINSON

Agent(s): FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; FPA PATENT ATTORNEYS PTY LTD; HERBERT SMITH FREEHILLS; SMART AND BIGGAR; CHRISTENSEN OCONNOR JOHNSON KINDNESS PLLC; FOLEY AND LARDNER; CHRISTENSEN O'CONNOR JOHNSON KINDNESS PLLC; FOLEY AND LARDNER LLP; CHRISTENSEN; JOHNSON KINDNESS PLLC

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

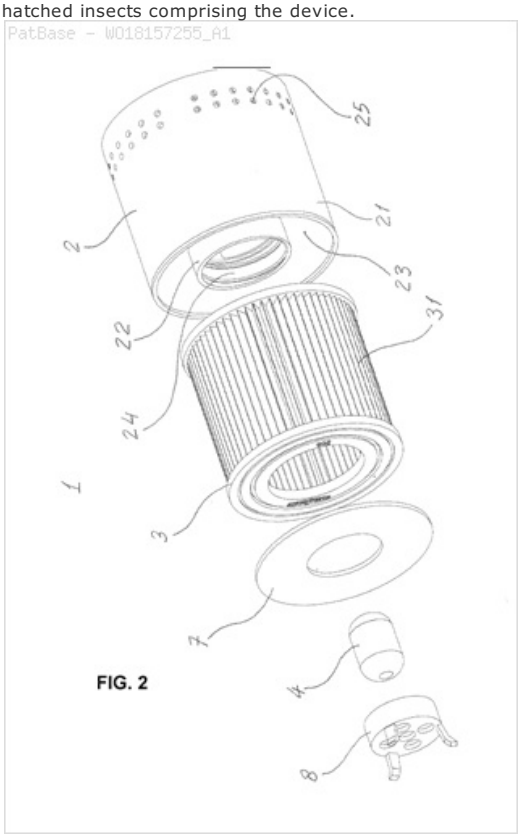
280) Family number: 71063627 (WO18157255A1)

© PatBase

Title: DEVICE FOR CLARIFYING AND ENHANCING LIQUID FOR IMPROVED LURING OF FLYING INSECTS

Abstract: Disclosed is a device for clarifying and enhancing liquid for improved luring of insects. The device comprises a segregator for collecting eggs and larvae present in the liquid and a unit for receiving an additive and releasing the additive into the liquid passing through the segregator. The additive may be an insect attractant or luring substance, dye of cleaner. Also disclosed is an apparatus for reducing populations of aquatically hatched insects comprising the device.

Classifications:
International (IPC 8-9): A01M1/02 (Advanced/Invention)
CPC: A01M1/026 A01M1/06 A01M1/106



Family:

Publication number	Publication date	Application number	Application date
WO18157255 A1	20180907	WO2018CA50246	20180302

Priority:

US20170466538P 20170303

Probable Assignee: MAXTECH MOSQUITO CONTROL INC

Assignee(s): (std): MAXTECH MOSQUITO CONTROL INC

Inventor(s): (std): SMITH MARK ; VASUDEVA KAILASH C

Agent(s): BOWN CHRISTOPHER D 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

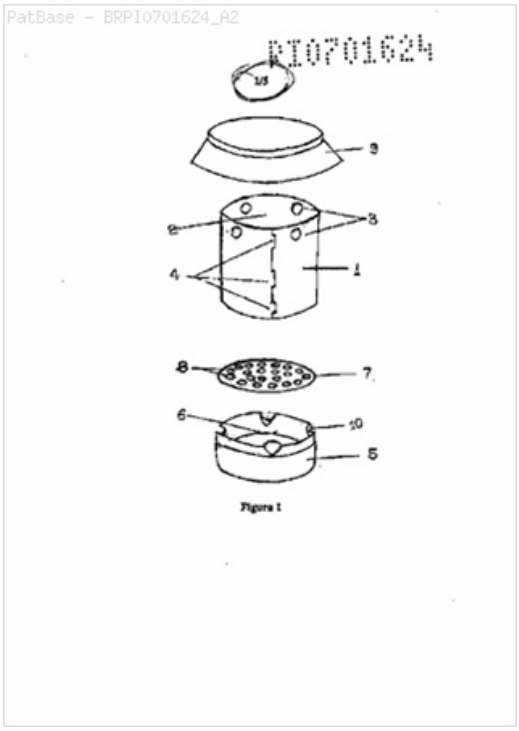
281) Family number: 43178629 (BRPI0701624A)

Title: DISPOSITIVO DE CAPTURA E EXTERMINIO DE MOSQUITOS Capture DEVICE IS KILLING MOSQUITOES (Machine translation)

Abstract: Source: BRPI0701624A [PT] DISPOSITIVO DE CAPTURA E EXTERMINIO DE MOSQUITOS. A presente invencao se refere a um dispositivo de captura e exterminio de mosquitos, mais especificamente a um dispositivo de captura e exterminio de mosquitos Aedes aegypty, eficiente, de baixo custo, de construcao simples e ambientalmente perfeitos, compreendendo: uma estrutura central (1) definindo um volume interno (2), a extremidade superior da dita estrutura central compreendendo orificios (3) nao comunicantes e possuindo dentes (4) nas extremidades laterais, sendo construida e disposta para ser adaptada a uma base (5) definindo um volume interno (6) a ser preenchido com gel, possuindo apoios que visam o suporte do disco interno, e adaptada para ser acoplada a estrutura central (1), um disco interno (7) com sua extremidade superior revestida com cola compreendendo orificios (8) dispostos sobre sua superficie, de modo a permitir que os mosquitos atravessem o disco interno e uma tampa (9) com sua superficie interna revestida com cola para ser acoplada a estrutura central (1). A estrutura central e disposta de modo a permitir que os mosquitos atravessem os ditos orificios (3), entrem na estrutura central disposta de modo a permitir a adesao dos mosquitos em suas paredes ou permitir que os mosquitos fiquem aderidos na superficie do disco interno ou permitir que os mesmos atravessem os orificios (8) contidos na superficie do disco interno para oviporem no gel contido em quantidade suficiente na base do dispositivo. Este dispositivo e simples, barato e ambientalmente perfeito. A presente invencao pode ser utilizada tambem como um sistema de monitoramento e controle da populacao de mosquitos do genero Aedes aegypti. Alem disso, podem ser utilizados meios de atracao para mosquito com a finalidade de aumentar ainda mais a capacidade de atracao.

Machine translation: Capture Device and extermination of mosquitoes. The present invention relates to a device to capture and extermination of mosquitoes, more specifically to a capture device and extermination of mosquitoes Aedes aegypty, efficient, low cost, simple construction and environmentally perfect, comprising: a central structure (1) defining an internal volume (2), the upper end of said core structure comprising holes (3) not communicating and having teeth (4) side edges being constructed and arranged to be adapted to a base (5) defining an internal volume (6) to be filled with gel, designed to support having the support of the inner disk, and adapted to be coupled to the central structure (1), an internal disk (7) with its top covered with glue comprising holes (8) arranged on its surface, to allow mosquitoes to pass through the inner disk and a cap (9) with its inner surface coated with glue to be attached to the central structure (1). The central structure and arranged to allow mosquitoes to pass through said holes (3), enter the central structure arranged to allow the accession of mosquitoes in your walls or allow the mosquitoes become stuck on the surface of the inner disk or allow that they pass through the holes (8) contained on the surface of the inner disk oviporem to the gel contained in sufficient quantity in the base of the device. This device is simple, inexpensive and environmentally perfect. The present invention can also be used as a system of monitoring and controlling the population of mosquitoes of the genus Aedes aegypti. In addition, use may be made for attracting mosquitoes in order to further increase the attractiveness.

Classifications:
International (IPC 8-9)**:** A01M1/10 A01M1/14 (Advanced/Invention); A01M1/00 (Core/Invention)
CPC: Y02A50/371



Family:

Publication number	Publication date	Application number	Application date
BRPI0701624 A2	20081125	BR2007PI01624	20070413

Priority:

BR2007PI01624 20070413

Probable Assignee: DE SIQUEIRA CAMPOS AFONSO DE

Assignee(s): (std)**:** ARAUJO SILVA NEDSON ; ARTIN PEREIRA PEDRO ; DE SIQUEIRA CAMPOS AFONSO DE ; SILVA NILSON ARAUJO

Assignee(s): AFONSO DE SIQUEIRA CAMPOS ; NEDSON ARAUJO SILVA ; NILSON ARAUJO SILVA ; PEDRO ARTIN PEREIRA

Inventor(s): (std)**:** ARAUJO SILVA NEDSON ; DE SIQUEIRA CAMPOS AFONSO ; PEREIRA PEDRO ARTIN ; SILVA NILSON ARAUJO

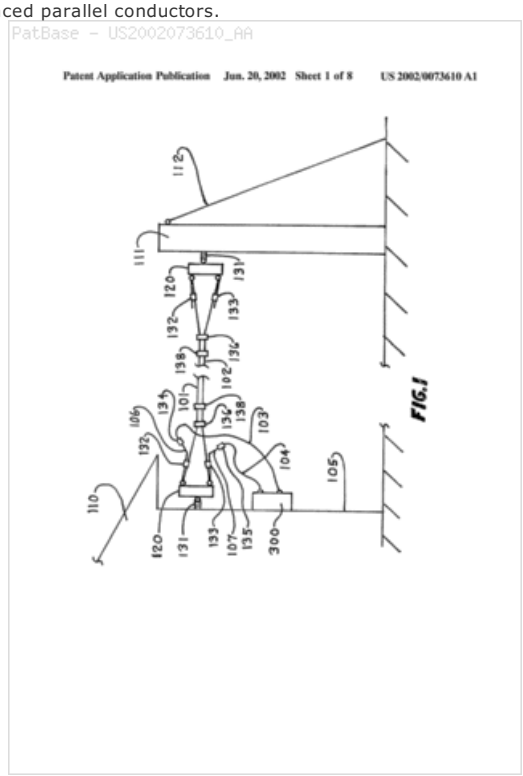
Inventor(s): AFONSO DE SIQUEIRA CAMPOS ; NEDSON ARAUJO SILVA ; NILSON ARAUJO SILVA ; PEDRO ARTIN PEREIRA

282) Family number: 28232631 (US2002073610A)

Title: ELECTRONIC APPARATUS TO ATTRACT AND KILL FLIES IN INDOOR AND OUTDOOR ENVIRONMENTS

Abstract: An improved non-toxic, non-chemical, non-polluting, inexpensive electronic apparatus to control the population of many species of flies both indoors and outdoors around poultry and animal enclosures and food processing facilities which attracts and then kills the flies with a short burst of high voltage oscillations that is applied to an exposed pair of closely spaced parallel conductors or an exposed grid network of closely spaced parallel conductors.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/20 A01M1/22 (Advanced/Invention); A01M1/00 A01M1/02 A01M1/20 (Core/Invention)
International (IPC 1-7): A01M1/22 H05C3/00
CPC: A01M1/02 A01M1/2016 A01M1/223 A01M2200/012
European: A01M1/02 A01M1/20B A01M1/20B2 A01M1/22 A01M1/22B K01M200/012 K01M201/02
US: 43/112



Family:

Publication number	Publication date	Application number	Application date
US2002073610 AA	20020620	US20000741487	20001218
US2002112394 AA	20020822	US20020113256	20020329
US6401383 BA	20020611	US20000741487	20001218
US6530173 BB	20030311	US20020113256	20020329

Priority:
US20000741487 20001218 US20020113256 20020329

Probable Assignee: MEADE DAVID P
Assignee(s): (std): MEADE DAVID P ; RICHARDSON ROBERT H
Inventor(s): (std): MEADE DAVID P ; RICHARDSON ROBERT H

283) Family number: 43488634 (ES1070263U)

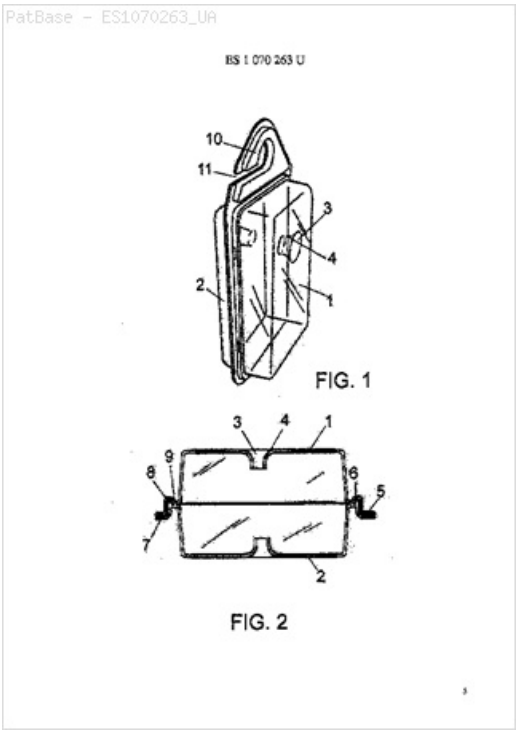
Title: TRAMPA PARA INSECTOS INSECT TRAP (Machine translation)

Abstract: Source: ES1070263U [ES] 1. Trampa para insectos, del tipo de las que estan constituidas mediante dos piezas a modo de cazoletas acopladas por sus embocaduras, de las que al menos una de ellas cuenta con un orificio para entrada de los insectos, prolongado en un cuello interior, caracterizada porque cada una de las dos piezas o cazoletas citadas incorpora a nivel de su embocadura una pestana perimetral, con la particularidad de que en la pestana de una de dichas piezas se define una acanaladura asimismo perimetral, mientras que la otra incorpora un nervio complementario acoplable en dicha acanaladura, quedando estos elementos de acoplamiento machihembrado sensiblemente distanciados de la pared lateral de las cazoletas, definiendo una estrecha franja perimetral en la que ambas pestanas son directamente contactantes a traves de superficies planas unidas entre si mediante una linea de soldadura perimetral. 2. Trampa para insectos, segun reivindicacion 1, caracterizada porque las citadas pestanas perimetrales, a nivel de la zona marginal superior de ambas cazoletas, cuentan con respectivas prolongaciones constitutivas de un gancho de colgado doble, en el que las respectivas prolongaciones estan interacopladas mediante embuticiones complementarias determinantes de un machihembrado.

Machine translation: 1. Insect trap of the kind which are constituted by two parts coupled by way of their mouths cups, of which at least one of them has an opening for entry of insects, prolonged in an inner collar, wherein each one of the two pieces or joined bowls above its opening level of a tab perimeter, with the particularity that on the tab of one of these pieces also defines a groove perimeter, while the other incorporates a nerve complementary engageable in said groove, these elements being substantially spaced tongue and groove coupling of the sidewall of the cups, defining a narrow perimeter in which both eyelashes are directly contactants through planar surfaces joined together by a peripheral welding line. 2. Insect trap according to claim 1, characterized in that said perimeter lashes, at the top marginal zone of both cups, have respective projections constituting a double hanging hook, in which the respective extensions are complementary recesses intercoupled by determining a tongue and groove.

Classifications:
International (IPC 8-9): A01M1/10 (Advanced/Invention); A01M1/00 (Core/Invention)

PatBase – ES1070263_UA



Family:

Publication number	Publication date	Application number	Application date
ES1070263 UA	20090706	ES20090000851U	20090508
ES1070263 Y1	20091027	ES20090000851U	20090508

Priority:

ES20090000851U 20090508

Probable Assignee: SORYGAR S L

Assignee(s): (std)**:** SORYGAR S L

Inventor(s): (std)**:** GARCIA GUIMERA MARIA CARMEN

284) Family number: 40797636 (US2007203727A)

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Title: EMERGENCY SUPPLIES PRE-POSITIONING AND ACCESS CONTROL METHOD

Abstract: One provides (101) a plurality of carriable containers having emergency supplies contained therein wherein each of these carriable containers is readily carriable by an average adult human. These carriable containers are then placed (103) within one or more corresponding controlled access containers as are provided at one or more publicly accessible locations (102). Prior to a triggering catastrophic event, one or more specific authorized beneficiaries are then preauthorized (104) to have catastrophic event-based access to one or more of these carriable containers. So configured, the authorized beneficiary(s) will in turn have access to the corresponding emergency supplies that are contained within the carriable container when a triggering catastrophic event occurs.

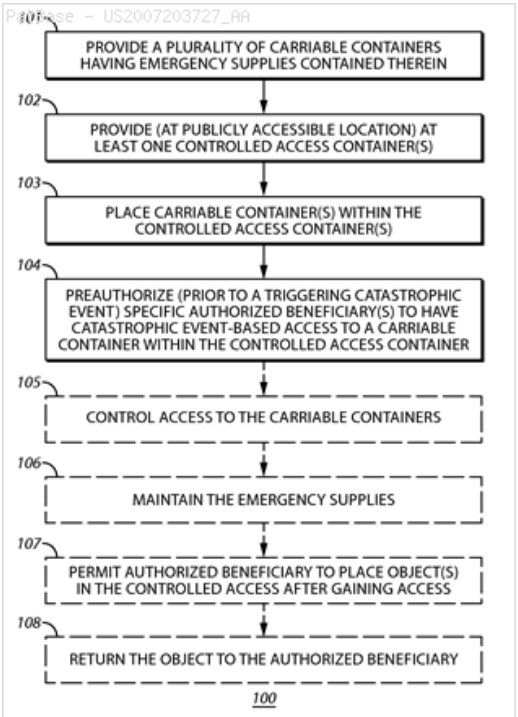
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CPC: G06Q30/0283 G08B27/008 H04H20/59 H04H60/23 G06Q30/02 G06Q50/00 G06Q30/04 G06Q30/0214 G06Q30/0217 G06Q30/0226 G06Q30/0227 G06Q30/0231 G06Q30/0233 G07F17/0042 E04H9/08 E04H9/12 F41H5/24 A62B31/00 B63C9/02 A62B99/00 E04H9/06 H04L63/10 B01D46/0023 B01D46/0036 B01D2273/30 G21F3/00 G06Q30/06 G06Q30/0633 G06Q10/087 A61B50/10 A61B50/13 A61B50/312 G06Q40/08 A45C15/00 G06Q10/08 G06Q10/02 Y02A50/454 Y02A50/14 G16H40/20 G16H50/80 A47K11/026 G06Q20/401 G06Q50/22 E04H9/14 G06Q10/00 G06Q50/10 G06Q90/00 G06Q50/265 G06Q99/00 G06Q50/163 G06Q50/30 G06Q30/00 A62B1/02 G06Q10/06 G06Q10/10 G06Q50/26 G07C9/00087

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PatBase – US2007203727_AA



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Publication number	Publication date	Application number	Application date
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Probable Assignee: SOVEREIGN DEED LLC

Assignee(s): (std)**:** BOTOS MATTHEW J ; MOORE BARRETT H ; SEIDEL GREGORY E ; SOVEREIGN DEED LLC

Inventor(s): (std)**:** MOORE BARRETT H ; SEIDEL GREGORY E ; BOTOS MATTHEW J

Inventor(s): MOORE BARRETT

Agent(s): FITCH EVEN TABIN AND FLANNERY; KRATZ RUDY; KRATZ RUDY I; KRUEGER JAMES P; KRATZ RUDY I ET AL; SAMPLES KENNETH H ET AL

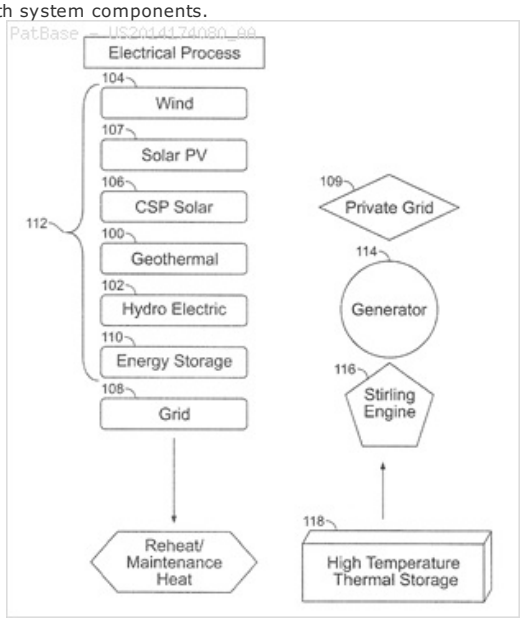
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285) Family number: 56489638 (US2014174080A)

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Title: HYBRID TRIGENERATION SYSTEM BASED MICROGRID COMBINED COOLING, HEAT AND POWER PROVIDING HEATING, COOLING, ELECTRICAL GENERATION AND ENERGY STORAGE USING AN INTEGRATED AUTOMATION SYSTEM FOR MONITOR, ANALYSIS AND CONTROL

Abstract: Provided is a consumer to industrial scale energy trigeneration process based microgrid combined cooling, heat and power. The present invention includes conversion, processing, extraction and/or storage systems for electrical, chemical and thermal energy. The invention provides a quintessential renewable energy ecosystem incorporating vital energy generation, thermal heating and cooling processes with integrated components installed to encompass a distributed renewable energy generation, energy storage and integrated automation system. The automation system of the invention provides the ability to view, monitor, analyze, control and interact with system components.



Classifications:

International (IPC 8-9): A01G31/02 A01G7/04 B29C45/17 C04B7/36 C10B53/00 C10B57/00 C10B57/10 C12M1/00 C12M1/34 C12M1/36 C12P7/06 C12P7/10 C21C5/52 C21D1/32 C22C33/08 C25C3/06 D01F9/12 D01F9/32 F01K F01K13/00 F01K13/02 F01K23/10 F01K25/00 F01K25/10 F01K27/02 F01K3/00 F01K3/02 F01K3/12 F02C F02C1/05 F02G1/043 F02G1/044 F02G1/053 F02G1/055 F02G1/057 F02G5/02 F03D7/04 F03D9/18 F03G F03G4/00 F03G6/00 F03G6/06 F03G7/00 F03G7/04 F03G7/10 F22B F22B1/00 F24J2/00 F24J2/07 F24J2/12 F24J2/14 F24J2/18 F24J2/52 F24J2/54 F24J3/00 F25B15/00 F25B27/00 F25B27/02 F25B9/14 F28D F28D20/00 H01M8/00 H01M8/04 H01M8/0662 H02J3/28 H02J3/38 H02K H02K7/18 H02S10/10 H02S40/22 H05B37/02 (Advanced/Invention); F02G1/043 F24J2/46 (Advanced/Non-invention); F01K F02C F03G F22B F28D H02K (Subclass/Invention)

International (IPC 1-7): F01K13/00 F01K13/02 F01K25/00 F01K3/00 F02G1/043 F03G6/00 F03G7/04

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US: 126/694 220/592.2 315/297 47/58.1LS 47/62R 60/516 60/517 60/641.1 60/698 62/331

Family:

Publication number	Publication date	Application number	Application date
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US2015143806 AA	20150528	US20150613994	20150204
US2015196002 AA	20150716	US20140267580	20140501
US2017204806 AA	20170720	US20170475995	20170331
US2018347406 AA	20181206	US20180102158	20180813
US9624913 BB	20170418	US20130081271	20131115
US10060296 BB	20180828	US20150613994	20150204
WO14078659 A2	20140522	WO2013US70313	20131115
WO14078659 A3	20150702	WO2013US70313	20131115
WO15105523 A1	20150716	WO2014US36410	20140501

Priority:

US20120727108P 20121115 US20130859377P 20130729 US20130877467P 20130913
US20130886213P 20131003 US20130896039P 20131026 US20130081271 20131115
WO2013US70313 20131115 US20140926372P 20140112 US20140954178P 20140317
US20140972365P 20140330 US20140267580 20140501 WO2014US36410 20140501
US20140010784P 20140611 US20150613994 20150204 AU20150203118 20150611
US20170475995 20170331 AU20170204250 20170622 US20180102158 20180813

Probable Assignee: FRIESTH KEVIN LEE

Assignee(s): (std): FRIESTH KEVIN ; FRIESTH KEVIN LEE ; KEVIN LEE FRIESTH

Inventor(s): (std): FRIESTH KEVIN LEE ; FRIESTH KEVIN ; KEVIN LEE FRIESTH

Agent(s): SPRUSON AND FERGUSON; BORDEN LADNER GERVAIS LLP; POTTER CLARKSON LLP; WENPING AND CO; HIROE AND ASSOCIATES PATENT PROFESSIONAL CORP; BRIAN J; JESSICA L; BRICK GENTRY PC; LAURENZO BRIAN J; MIKKILINENI SRIKANT

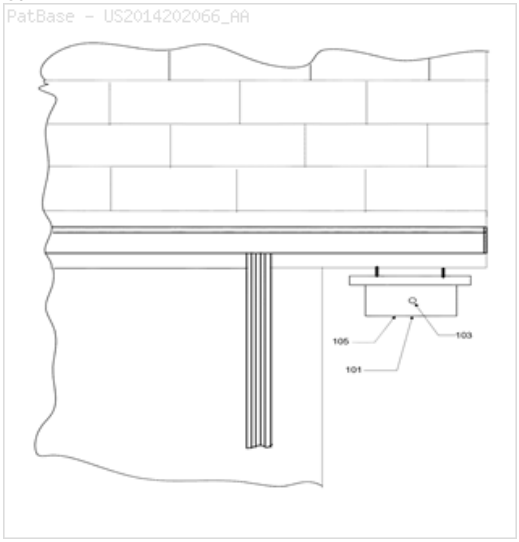
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW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

286) Family number: 56967638 (US2014202066A)

Title: CARPENTER BEE TRAP DEVICE

Abstract: A trap device for a carpenter bee. A first lure comprises an entry hole defined through an enclosure. A second lure comprises a tunnel extending from the entry hole into the interior. A third lure comprises a means for allowing natural sunlight to penetrate into the interior such that a bee passing into the tunnel is lured towards the exit. A tray is situated within the interior past the exit, the tray containing a sticky substance such that the bee is immobilized upon traveling into the interior. An optional bait lure is utilized consisting of either female bee pheromone or a fragrance. Therefore, a bee, attracted to the natural wood of the enclosure and entry hole, enters the tunnel, turns by natural instinct to follow the path of two chambers and makes contact with the sticky pad to become immobilized.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01M1/14 A01M1/24 A01M7/00 (Advanced/Invention)
CPC: A01M1/106 A01M1/14 A01M1/02 A01M1/24
US: 1/1 43/114



Family:

Publication number	Publication date	Application number	Application date
US2014202066 AA	20140724	US20140155568	20140115
US9351481 BB	20160531	US20140155568	20140115

Priority:

US20130754628P 20130120 US20130819620P 20130505 US20140155568 20140115

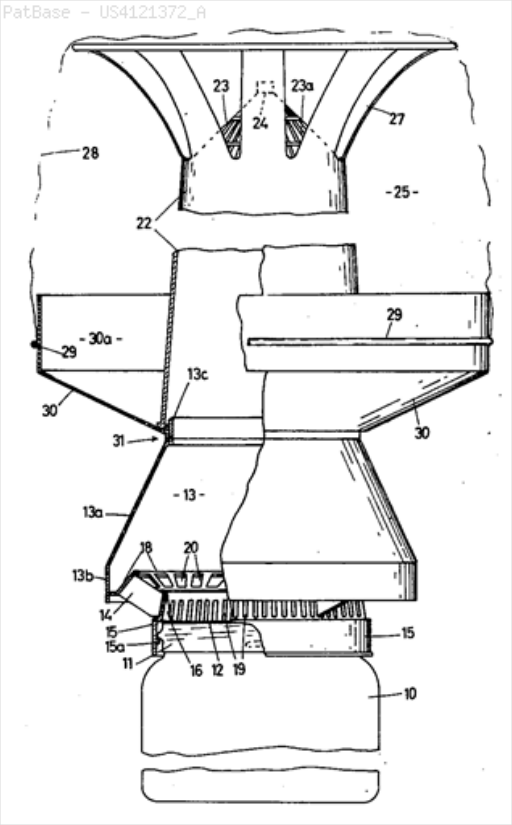
Probable Assignee: LAUREL HIGHLANDS LIVING LLC
Assignee(s): (std): ABRAHAM JOHN KEVIN ; LAUREL HIGHLANDS LIVING LLC
Inventor(s): (std): POCRATSKY RONALD J ; ABRAHAM JOHN KEVIN
Agent(s): MCKAY AND ASSOCIATES PC

287) Family number: 5068639 (US4121372A)

Title: Insect traps

Abstract: A fly trap has a bait jar surmounted by an entry chamber which has a number of scent dispersal holes and a number of insect entry holes. The entry chamber communicates with and is surmounted by a tunnel the far end of which is partly closed so as to allow insects to pass from the entry chamber and out of the tunnel into a fly collection chamber which is surrounded by a translucent disposable container.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/04 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/02
CPC: A01M1/02 A01M1/04 A01M1/106 A01M2200/012
European: A01M1/02 A01M1/02B A01M1/04 A01M1/10 A01M1/10F K01M200/012 K01M201/02
US: 43/122



Family:

Publication number	Publication date	Application number	Application date
GB1584155 A	19810204	GB19760040171	19760928
JP53044371 A2	19780421	JP19770062075	19770527
US4121372 A	19781024	US19770794093	19770505
ZA7702536 A	19780329	ZA19770002536	19770427

Priority:

GB19760040171 19760928

Probable Assignee: LANDAUS K

Assignee(s): (std)**:** LANDAUS K ; LANDAUS KENNETH JAMES

Inventor(s): (std)**:** RAIONERU RIKARUDO RANDOAUSU ; LANDAUS LIONEL RICARDO ; LANDAUS L

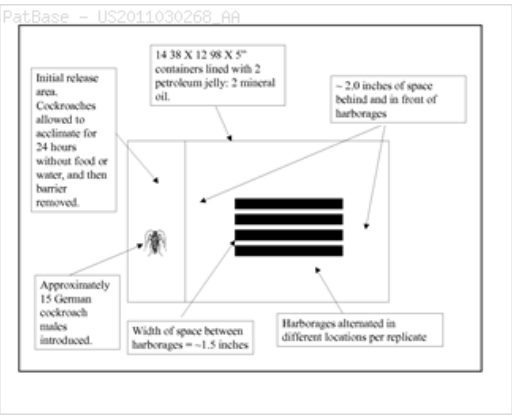
288) Family number: 43815641 (US2011030268A)

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Title: DEVICE FOR CONTROLLING PESTS

Abstract: The invention relates to an apparatus for pest control comprising a hollow station (150) forming at least one entrance (160, 165) for the pests to be controlled and a harbourage area inside the station; a reservoir for water (100) providing access to water from the inside of said hollow station (150); and a contact pesticide (170) for the pests to be controlled, said contact pesticide (170) being provided inside said hollow station (150) in such a way that pests which enter the hollow station (150) through said at least one entrance (160, 165) to come to the reservoir for water (100) or the harbourage area come into contact with said contact pesticide (170).

Classifications:
International (IPC 8-9): A01M1/20 (Advanced/Invention); A01M1/20 (Core/Invention)
CPC: A01M1/2011
European: A01M1/20B1
US: 43/131 43/131P



Family:

Publication number	Publication date	Application number	Application date
AU2009232066 AA	20091008	AU20090232066	20090403
AU2009232066 BB	20140703	AU20090232066	20090403
BRPI0906306 A2	20150707	BR2009PI06306	20090403
EP2262362 A1	20101222	EP20090729123	20090403

JP2011516056 T2	20110526	JP20110502395T	20090403
JP5563554 B2	20140730	JP20110502395T	20090403
MX2010010586 A1	20101020	MX20100010586	20090403
US2011030268 AA	20110210	US20090935729	20090403
US8850741 BB	20141007	US20090935729	20090403
WO09121968 A1	20091008	WO2009EP54047	20090403

Priority:

US20080042435P 20080404 US20090935729 20090403 WO2009EP54047 20090403

Probable Assignee: BASF SE

Assignee(s): (std): BASF SE ; HICKMAN ROBERT B

Inventor(s): (std): HICKMAN ROBERT B

Inventor(s): ROBERT B HICKMAN

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; REITSTOETTER KINZEBACH; ARAI EIICHI; FUJITA TAKASHI; TANAKA NATSUO; HIRAKI YUSUKE; BRINKS HOFER GILSON AND LIONE; BRINKS GILSON AND LIONE; PATENTANWAELTE REITSTOETTER KINZEBACH

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 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 ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

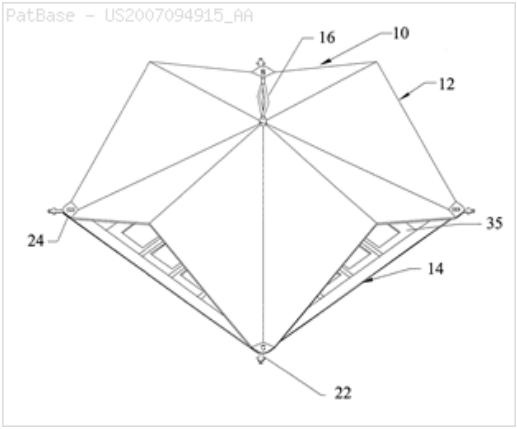
289) Family number: 34433643 (US2007094915A)

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Title: INSECT TRAP FOR CAPTURING NUMEROUS SPECIES OF THE LEPIDOPTERA ORDER AND METHOD OF OPERATION THEREOF

Abstract: The present invention is a three dimensional insect trap, for capturing, numerating, determining population levels and controlling insects by physical trapping, mass trapping and mating disruption. The trap is comprised of a bottom piece, a top piece, a device for hanging pheromones, kairomones or other attractants and an area for either a replaceable component used for mating disruption via auto-dissemination, an adhesive-coated grid-marked floor or a capture reservoir for holding soapy water or oil. The trap can be hung within the insect environment by a device on the top piece or by attachment to a vertical stake or pole by use of support brackets.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01M1/14 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
CPC: A01M1/02 A01M1/14
European: A01M1/02 A01M1/14
US: 43/107 43/114



Family:

Publication number	Publication date	Application number	Application date
US2007094915 AA	20070503	US20050265955	20051103

Priority:

US20050265955 20051103

Probable Assignee: JOHNSON TIMOTHY B

Assignee(s): (std): JOHNSON TIMOTHY B ; PLATO JAMES C ; PLATO JAMES S ; PLATO STACY E ; PLATO THOMAS A

Inventor(s): (std): PLATO STACY E ; PLATO JAMES C ; PLATO THOMAS A ; PLATO JAMES S ; JOHNSON TIMOTHY B

Inventor(s): PLATO THOMAS ; PLATO JAMES ; JOHNSON TIMOTHY ; PLATO STACY ; PLATO THOMAS ALFRED ; PLATO JAMES CLAYTON ; PLATO JAMES SCOTT ; PLATO STACY ELIZABETH ; JOHNSON TIMOTHY BRUCE

Agent(s): DEFILLO AND ASSOCIATES INC

290) Family number: 10402647 (US5501034A)

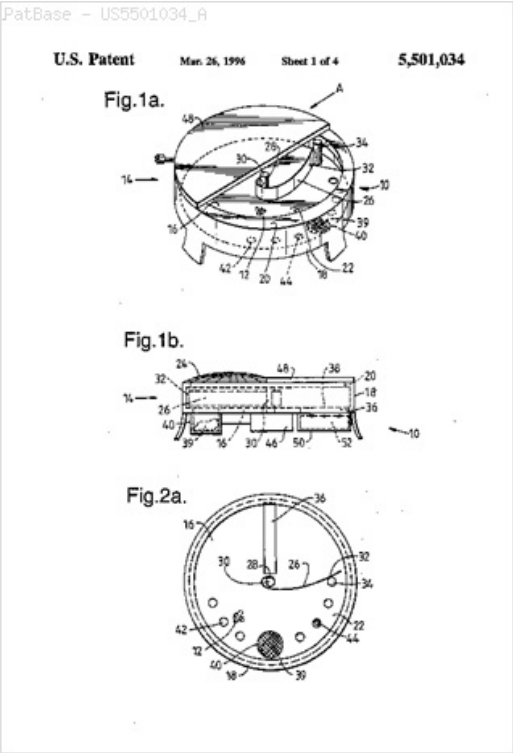
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Title: Device for destroying insects

Abstract: A device for destroying insects by mechanical impact comprises a housing provided with a base member; a curved wall; a first segment of the base member being at least partially open and exposed to an area from which flies and other insects are to be attracted, and an aperture provided in the housing through which impacted insects are removed therefrom; a lure for attracting insects associated with the first segment of the base member and a leaf spring having a first extremity which is attached near the centre of curvature of the curved wall, the spring being substantially straight at its second extremity, the second spring extremity being close to the inner surface of the curved wall. The device also includes means for bend-loading the leaf spring and for suddenly releasing the second extremity, thereby causing the leaf spring to traverse the first segment at high velocity and to impact any insects present within the housing segment.

Classifications:
International (IPC 8-9): A01M1/10 A01M1/12 (Advanced/Invention); A01M1/00 (Core/Invention)

International (IPC 1-7): A01M A01M1/12 A01M1/20
CPC: A01M1/103 A01M1/106 A01M1/12 A01M2200/011 A01M2200/012
European: A01M1/10 A01M1/10C A01M1/10F A01M1/12 K01M200/011 K01M200/012 K01M201/01 K01M201/02
US: 43/132.1 43/138



Family:

Publication number	Publication date	Application number	Application date
AT153215 E	19970615	AT19940308621T	19941122
DE69403308 D1	19970626	DE19946003308	19941122
DE69403308 T2	19971030	DE19946003308T	19941122
DK0654217 T3	19971103	DK19940308621T	19941122
EP0654217 A1	19950524	EP19940308621	19941122
EP0654217 B1	19970521	EP19940308621	19941122
ES2104289 T3	19971001	ES19940308621T	19941122
GR3024170 T3	19971031	GR19970401815T	19970718
IL107721 A0	19940227	IL19930107721	19931123
IL107721 A1	19960723	IL19930107721	19931123
US5501034 A	19960326	US19940345762	19941122

Priority:
IL19930107721 19931123

Probable Assignee: HAIM HAZAN
Assignee(s): (std): HAIM HAZAN ; HAZAN HAIM
Assignee(s): HAZAN HAIM YERUCHAM IL
Inventor(s): (std): HAZAN HAIM
Inventor(s): HAZAN HAIM YERUCHAM IL
Agent(s): WOLFF BREGMAN AND GOLLER
Designated states: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

291) Family number: 17181648 (ES1006274Y)

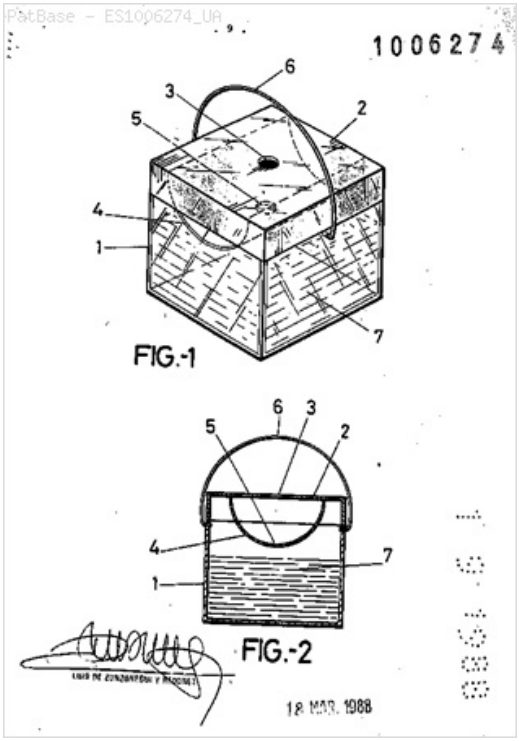
Title: DISPOSITIVO PARA LA ELIMINACION ECOLOGICA DE INSECTOS.

Abstract: Source: ES1006274U [ES] DISPOSITIVO PARA LA ELIMINACION ECOLOGICA DE INSECTOS, ESENCIALMENTE CARACTERIZADO POR ESTAR CONSTITUIDO A PARTIR DE UNA CAJA O RECIPIENTE, DE NATURALEZA TRANSPARENTE, PREFERENTEMENTE DE PLASTICO O SIMILAR, QUE SE COMPLEMENTA CON UNA TAPA AJUSTABLE A SU EMBOCADURA POR CUALQUIER MEDIO, DE NATURALEZA OPACA Y PROVISTA PREFERENTEMENTE EN SU CENTRO DE UN PEQUENO ORIFICIO, DE CALIBRE ADEVUADO PARA PERMITIR EL PASO DE LOS INSECTOS A SU INTERIOR, HABIENDOSE PREVISTO QUE LA CARA INTERIOR DE DICHA TAPA SE FIJE UNA LAMINA CURVADA, PREFERENTEMENTE DE CONFIGURACION SEMICILINDRICA, CON SU CONCAVIDAD ORIENTADA HACIA EL ORIFICIO DE LA TAPA ANTERIORMENTE CITADO Y PROVISTA A SU VEZ EN SU ZONA INFERIOR DE OTRO ORIFICIO SIMILAR AL ANTERIOR Y DE DEFINITIVO ACCESO AL INTERIOR DE LA CAJA O RECIPIENTE, EN LA QUE HABRA DE ALOJARSE UN PRODUCTO ATRAYENTE PARA LOS INSECTOS, TAL COMO RESTOS DE LIMONADA, CERVEZA O AGUA AZUCARADA, CON UN NIVEL INFERIOR A LA COTA MINIMA DE DICHA LAMINA CURVADA, TODO ELLO DE FORMA QUE LOSINSECTOS PENETRAN EN EL INTERIOR DE LA CAJA A TRAVES DE LA PAREJA DE ORIFICIOS CITADA Y LA ESPECIAL UBICACION DE DICHOS ORIFICIOS, CONJUNTAMENTE CON LA NATURALEZA TRANSPARENTE DE LA PROPIA CAJA, HACE IMPOSIBLE LA POSTERIOR LOCALIZACION DE LOS MISMOS PARA SU SALIDA PERECIENDO AHOGADOS EN EL SENO DEL PRODUCTO CONTENIDO EN DICHA CAJA HABIENDOSE PREVISTO ADEMAS QUE EL DISPOSITIVO, ENTERRABLE EN SU APLICACION A INSECTOS TERRESTRES, INCORPORE ADEMAS UN ASA, DEBIDAMENTE FIJADA A LA CAJA O RECIPIENTE, QUE PERMITE EL COLGADO O SUSPENSION DEL MISMO CUANDO SE DESTINA A INSECTOS VOLADORES.

Machine translation: Device FOR REMOVING INSECTS ECOLOGICAL, essentially characterized by being FORMED FROM A BOX OR CONTAINER, of transparent nature, preferably plastic or the like, which is complemented with an adjustable lid to its mouth BY ANY MEANS, opaque IN NATURE AND PREFERABLY PROVIDED WITH A SMALL HOLE IN ITS CENTER, ADEVUADO GAUGE TO ALLOW THE PASSAGE OF INSECTS INSIDE, HAVING FORESEEN THAT THE INNER FACE OF SAID COVER A curved sheet, PREFERABLY OF SEMICYLINDRICAL CONFIGURATION, WITH ITS CONCAVITY FACING TOWARD THE HOLE IN THE LID AFOREMENTIONED AND IN TURN PROVIDED WITH ANOTHER HOLE IN ITS LOWER AREA SIMILAR TO THE PREVIOUS ONE

AND FINAL ACCESS TO THE INTERIOR OF THE BOX Or container, IN WHICH THERE WILL BE ONE ATTRACTANT for insects, such as lemonade, beer or sugar water, WITH A LOWER LEVEL TO THE LOWEST LEVEL OF SAID CURVED SHEET, ALL SO THAT THE LOSINSECTOS penetrate inside the box THROUGH THE PAIR OF HOLES ABOVE AND THE SPECIAL LOCATION OF SAID HOLES, TOGETHER WITH THE TRANSPARENT NATURE OF THE BOX ITSELF, MAKES IT IMPOSSIBLE TO SUBSEQUENT LOCATION THEREOF FOR OUTPUT PERISHING drowned in the product contained in said box having also envisaged that the device, ENTERRABLE IN ITS APPLICATION TO insects, also incorporates a handle, duly FIXED TO THE BOX OR CONTAINER, WHICH ALLOWS Hanging OR SUSPENSION OF THE SAME WHEN IT IS INTENDED TO flying insects.

Classifications:
International (IPC 8-9): A01M23/08 (Advanced/Invention); A01M23/00 (Core/Invention)
International (IPC 1-7): A01M23/08



Family:

Publication number	Publication date	Application number	Application date
ES1006274 UA	19881216	ES19880000848U	19880318
ES1006274 Y1	19890616	ES19880000848U	19880318
ES1006274 YA	19890616	ES19880000848U	19880318

Priority:
ES19880000848U 19880318

Probable Assignee: LOPEZ MENDEZ JOAQUIN
Assignee(s): (std)**:** LOPEZ MENDEZ JOAQUIN

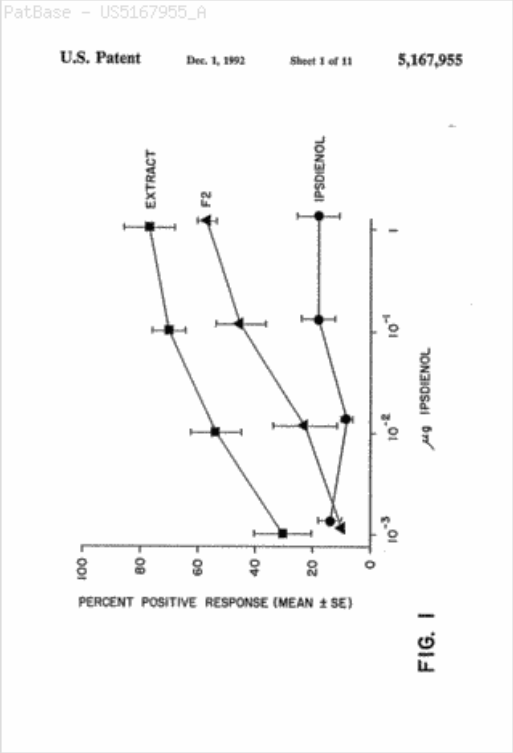
292) Family number: 5220648 (US5167955A)

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Title: New aggregation pheromone for the bark beetle Ips pini and uses thereof

Abstract: The invention provides a new aggregation pheromone for the bark beetle Ips pini identified as lanierone. Lanierone is the compound 4,4,6-trimethyl-2-hydroxy-2,5-cyclohexadiene-1-one and can be used, for example, to attract or trap bark beetles for monitoring or controlling the reproduction of the bark beetles.
Classifications:
International (IPC 8-9): A01N35/06 A01N49/00 (Advanced/Invention)
International (IPC 1-7): A01N31/06
CPC: A01N35/06 A01N49/00
European: A01N35/06 A01N49/00
US: 424/84 568/377

PatBase – US5167955_A



Family:

Publication number	Publication date	Application number	Application date
US5167955 A	19921201	US19910702055	19910517

Priority:

US19910702055 19910517

Probable Assignee: UNIV NEW YORK STATE RES FOUND

Assignee(s): (std)**:** UNIV NEW YORK STATE RES FOUND

Assignee(s): RESEARCH FOUNDATION OF STATE UNIV ; RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK ; THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK

Inventor(s): (std)**:** TEALE STEPHEN A ; WEBSTER FRANCIS X ; ZHANG AIJUN

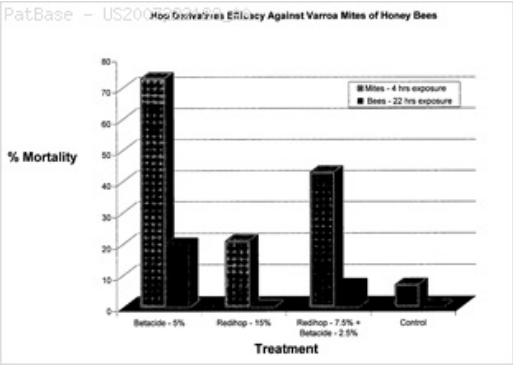
293) Family number: 38526653 (US2007232188A)

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Title: COMPOSITIONS AND METHODS FOR CONTROLLING A HONEY BEE PARASITIC MITE

Abstract: As described below, the present invention provides methods and compositions for controlling a honey bee parasitic mite. In addition, the invention features compositions useful for the treatment or prevention of a parasitic mite infestation in a honey bee hive.

Classifications:
International (IPC 8-9): A01K47/00 A01K51/00 A01N25/00 A01N35/06 A01N65/00 A01N65/08 A01P7/00 A61K31/122 A61K34/64 A61K36/00 A61K36/185 A61K36/28 A61K39/39 A61P33/14 C07C49/647 C12C3/00 C12Q1/00 (Advanced/Invention); C12C3/00 (Advanced/Non-invention); A01K47/00 A01K51/00 A01N25/00 A01N65/00 A61K36/00 A61K36/185 A61K39/00 A61K39/39 C12C3/00 (Core/Invention)
CPC: A01N37/40 A01N65/08 A01K51/00 A01N65/00
European: A01K51/00 A01N65/00
US: 424/405 424/539 424/725 424/725S 424/737 424/750 424/769 449/1 449/1P 449/2 449/2P 449/3 449/3S 449/61 449/61P 514/690 568/377 568/377S



Family:

Publication number	Publication date	Application number	Application date
AU2007239040 AA	20071025	AU20070239040	20070402
AU2013205676 AA	20130523	AU20130205676	20130503
CA2649351 AA	20081008	CA20072649351	20070402
CA2649351 C	20170103	CA20072649351	20070402
CA2948615 AA	20071025	CA20072948615	20070402
CY1118335 T1	20170628	CY20161101082T	20161024
DK2001285 T3	20161114	DK20070754584T	20070402
EP2001285 A2	20081217	EP20070754584	20070402
EP2001285 A4	20101027	EP20070754584	20070402
EP2001285 B1	20160727	EP20070754584	20070402
ES2599860 T3	20170203	ES20070754584T	20070402
HU030677 T2	20170628	HU20070754584T	20070402

LT2001285 T	20161110	LT20070754584T	20070402
PL2001285 T3	20180629	PL20070754584T	20070402
PT2001285 T	20161102	PT20070754584T	20070402
SI2001285 T1	20161230	SI20070031850	20070402
TR201614375 T4	20161121	TR20160014375T	20070402
US2007232188 AA	20071004	US20060396360	20060331
US2008026673 AA	20080131	US20070732504	20070402
US2010087121 AA	20100408	US20090573682	20091005
US2010317742 AA	20101216	US20100848646	20100802
US7597912 BB	20091006	US20070732504	20070402
US7767234 BB	20100803	US20060396360	20060331
WO07120461 A2	20071025	WO2007US08082	20070402
WO07120461 A3	20081224	WO2007US08082	20070402

Priority:

US20060396360 20060331 AU20070239040 20070402 CA20072649351 20070402
EP20070754584 20070402 US20070732504 20070402 WO2007US08082 20070402
US20090573682 20091005 US20100848646 20100802 AU20130205676 20130503
CA20162649351 20161118

Probable Assignee: JOHN I HAAS INC

Assignee(s): (std)**:** HAAS INC JOHN I ; HAAS JOHN ; HAAS JOHN I ; PROBASCO GENE

Assignee(s): JOHN HAAS ; JOHN I HAAS ; JOHN I HAAS INC

Inventor(s): (std)**:** PROBASCO GENE ; GENE PROBASCO

Agent(s): GRIFFITH HACK; BERESKIN AND PARR LLP SENCRL SRL; GRUND MARTIN; VALLEJO JUAN PEDRO; MUESERREF AKYOL; EDWARDS ANGELL PALMER AND DODGE LLP; MELISSA; JEFFREY D

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 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 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

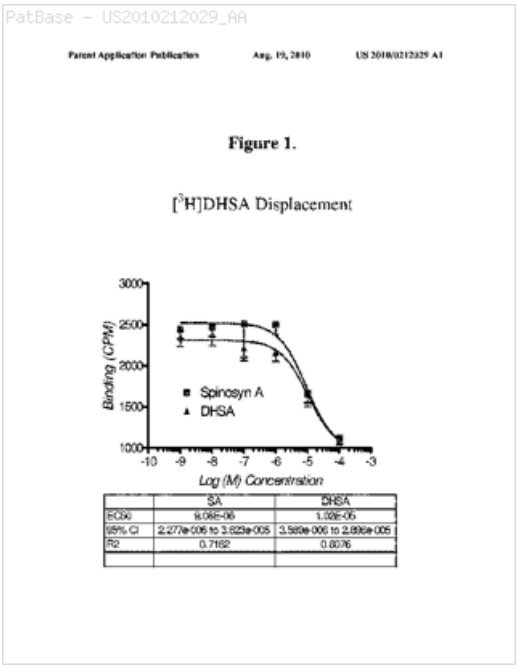
294) Family number: 46565653 (US2010212029A)

© PatBase

Title: NOVEL ASSAYS UTILIZING NICOTINIC ACETYLCHOLINE RECEPTOR SUBUNITS

Abstract: The present invention is in the field of identification and characterization of novel insecticidal target sites and, in particular, relates to host cells, assays and antibodies thereto.

Classifications:
International (IPC 8-9): A01K67/00 A61K49/00 C07K16/00 C07K16/28 C12N15/63 C12N5/07 C12Q1/02 C12Q1/68 G01N1/00 G01N33/48 G01N33/50 G01N33/53 (Advanced/Invention); A01K67/00 A61K49/00 C07K16/00 C12N15/63 C12N5/07 C12Q1/02 C12Q1/68 G01N33/53 (Core/Invention)
CPC: C07K16/286 C07K2317/34 C12N2503/00 C12N2510/00 G01N2333/43552 G01N2333/70571 G01N2500/02
European: C07K16/28F M12N503/00 M12N510/00 S01N333/435A4 S01N333/705K S01N500/02
US: 435/29 435/29S 435/320.1 435/320.100S 435/325 435/325S 435/348 435/348S 435/6 435/6.11 435/6.110S 435/6.18 435/6.180S 435/6S 435/7.1 435/7.100S 436/63 530/387.9 530/387.900S 536/23.1 800/13 800/13S 800/18 800/20 800/3 800/3P



Family:

Publication number	Publication date	Application number	Application date
US2010212029 AA	20100819	US20090644683	20091222
US9005981 BB	20150414	US20090644683	20091222

Priority:

US20080141277P 20081230 US20090644683 20091222

Probable Assignee: DOW AGROSCIENCES LLC

Assignee(s): (std)**:** CHOUINARD SCOTT ; COOK KEVIN R ; DOW AGROSCIENCES LLC ; GENG CHAOXIAN ; WATSON GERALD B ; HASLER JAMES M ; SALGADO VINCENT L ; ORR NAILAH ; GUSTAFSON GARY D

Inventor(s): (std)**:** SALGADO VINCENT L ; COOK KEVIN R ; ORR NAILAH ; WATSON GERALD B ; GUSTAFSON GARY D ; GENG CHAOXIAN ; CHOUINARD SCOTT ; HASLER JAMES M

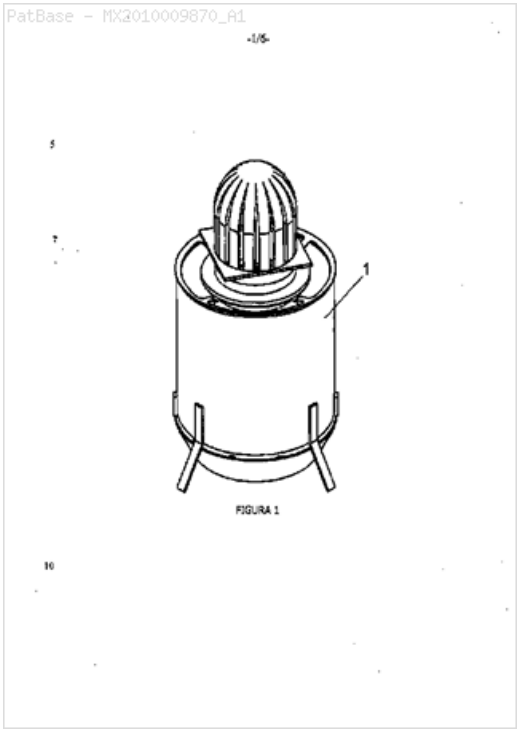
Agent(s): DOW AGROSCIENCES LLC; TRASKBRITT PC; ERIC J

295) Family number: 51324653 (MX2010009870A)

Title: DEVICE FOR TRAPPING DIPTERA INSECTS.

Abstract: THE PRESENT INVENTION REFERS TO THE CREATION OF A DEVICE FOR TRAPPING MOSQUITOES AND NOCTURNAL FLYING INSECTS WITHOUT CHEMICAL POLLUTANTS. THE INVENTION MAY USE LIGHT, AIR AND WATER OR POLYMERIC ADHESIVES.

Classifications:
International (IPC 8-9): A01M1/00 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
MX2010009870 A1	20120321	MX20100009870	20100908

Priority:
MX20100009870 20100908

Probable Assignee:	GONZALEZ WADI ELIM SOSA
Assignee(s): (std):	GONZALEZ WADI ELIM SOSA
Assignee(s):	WADI ELIM SOSA GONZALEZ
Inventor(s): (std):	CABALLERO JOSE SOSA ; GONZALEZ WADI ELIM SOSA
Inventor(s):	JOSE SOSA CABALLERO ; WADI ELIM SOSA GONZALEZ

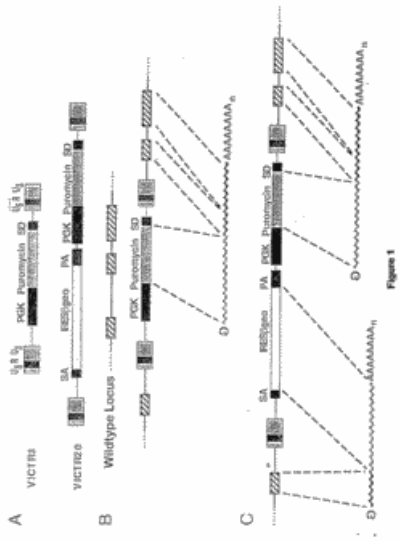
296) Family number: 28250659 (US2002102543A)

Title: Novel murine polynucleotide sequences and mutant cells and mutant animals defined thereby

Abstract: Novel murine polynucleotides are disclosed that individually identify novel genes into which a retroviral gene trap vector has integrated. Additionally, novel mutated murine ES cells are described that stably incorporate retroviral gene trap constructs into the specifically identified genes. The novel genes and cells thus defined are useful in functional genomic analysis, and in the discovery and development of new therapeutic and diagnostics agents and methods.

Classifications:
International (IPC 8-9): A01K67/027 C07K14/47 C12N15/11 C12N15/86 C12N5/06 C12N5/08 (Advanced/Invention); C07K14/435 C12N15/86 C12N5/06 C12N5/08 (Core/Invention)
International (IPC 1-7): C07H21/04 C12N15/86 C12N5/06 C12N5/08 C12P19/34 C12Q1/68
CPC: C07K14/47 A01K67/0276 A01K2217/075 A01K2267/03 C07K14/705 C07K14/70503 C07K14/7151 C07K14/775 C07K14/8114 C07K14/8121 C12N9/1051 C12N9/12 C12N9/1205 C12N2799/027 C12N2800/60
European: A01K67/027M2 C07K14/47 C07K14/705 C07K14/705B C07K14/715B C07K14/775 C07K14/81B1A C07K14/81B1B C12N9/10D1 C12N9/12 C12N9/12C K01K217/07B K01K267/03 M07K207/00 M12N799/02A67 M12N800/60
US: 435/354 435/366 435/456 435/6 435/6.14 435/6.140P 435/91.2 435/91.200S 536/23.1 536/23.100S 800/18 800/18S 800/6 800/6P

PatBase - US2002102543_AA



Family:

Publication number	Publication date	Application number	Application date
US2002102543 AA	20020801	US20000728445	20001130
US2005186677 AA	20050825	US20040964549	20041013
US2008189799 AA	20080807	US20070978234	20071026

Priority:

US19990144942P 19990720
US19990157651P 19991004
US19990168358P 19991201
US20000179110P 20000131
US20000620607 20000720
US20000680959 20001004
US20000728445 20001130
US20000750456 20001228
US20010773476 20010131
US20040770021 20040202
US20040846839 20040514
US20040964549 20041013
US20050124617 20050506
US20060488469 20060718
US20070978234 20071026

Probable Assignee: LEXICON PHARMACEUTICALS INC

Assignee(s): (std): FAN LIANGFEN ; FRIEDRICH GLENN ; MINZE LAURIE JEANETTE ; MONTGOMERY CHARLES ; PAYNE BOBBY JOE ; RANGEL CAROLINA ; ZAMBROWICZ BRIAN ; SANDS ARTHUR T ; SHI ZHENG ZHENG ; SEVAUX TRACY ELLEN WILLIS ; VOGEL PETER ; SPARKS MARY JEAN

Assignee(s): BIOPHARMA CREDIT PLC ; LEXICON PHARMACEUTICALS INC

Inventor(s): (std): SANDS ARTHUR T ; ZAMBROWICZ BRIAN ; VOGEL PETER ; SPARKS MARY JEAN ; SHI ZHENG ZHENG ; SEVAUX TRACY ELLEN WILLIS ; RANGEL CAROLINA ; PAYNE BOBBY JOE ; MONTGOMERY CHARLES ; MINZE LAURIE JEANETTE ; FAN LIANGFEN ; FRIEDRICH GLENN

Inventor(s): SANDS ARTHUR

Agent(s): LANCE K ISHIMOTO LEXICON GENETICS INC; STAHL LAW FIRM

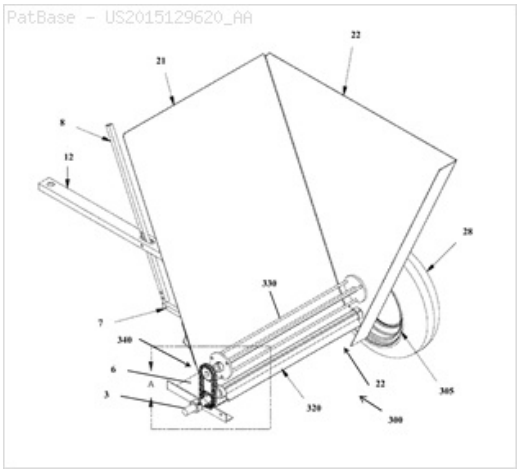
297) Family number: 59224659 (US2015129620A)

© PatBase

Title: DROP SPREADER FOR POWERED MATERIALS

Abstract: A drop spreader apparatus generally comprises: a hopper configured to hold a spreadable material, the container comprising an opening extending linearly across a bottom of the hopper; a wheel and axle assembly comprising two wheels connected by a wheel axle, the wheels and axle configured to support the hopper; a de-bridging and dispensing assembly positioned above the opening of the hopper, the de-bridging and dispensing assembly comprising a de-bridger mechanism configured to sift the spreadable material and a de-bridging driver mechanically coupled to the wheel and axle assembly, the driver configured to drive the de-bridger mechanism using the rotation of the wheels.

Classifications:
International (IPC 8-9): A01C15/02 A01C15/16 A01C7/02 A01M9/00 (Advanced/Invention);
A01C15/00 A01C15/06 (Advanced/Non-invention)
CPC: A01C15/02 A01C7/02 A01C15/005 A01C15/007 A01C15/06 A01M9/0084 A01M9/0092
US: 1/1 222/623



Family:

Publication number	Publication date	Application number	Application date
US2015129620 AA	20150514	US20140528330	20141030
US9433143 BB	20160906	US20140528330	20141030

Priority:

US20130902001P 20131108 US20140528330 20141030

Probable Assignee: BRUCE DONALD GRIFFIN

Assignee(s): (std)**:** BRUCE DONALD GRIFFIN ; SAMMONS DAVID W

Inventor(s): (std)**:** BRUCE DONALD GRIFFIN ; SAMMONS DAVID W

Agent(s): J PETER; ROSENBAUM IP PC; DAVID G

298) Family number: 34116664 (US2007017538A)

© PatBase

Title: HAIRBRUSH FOR PETS AND PEOPLE THAT RELEASES ACTIVE INGREDIENTS

Abstract: A hairbrush for people and pets releases a perfume, fragrance and/or other active compositions including insect repellant, hair conditioning composition, dye composition, moisturizing ingredients, or antibacterial compounds when brushed or activated by manually depressing a cover. The brush includes a flexible deformable membrane that carries brush bristles and has a plurality of apertures for delivery of the active composition and is fitted within a first opening of an internal cavity in a brush base. A porous sponge being saturated with the active ingredient is inserted over the flexible deformable membrane. A cover is inserted through a second opening and rests upon the porous sponge. Brushing action deforms the flexible deformable membrane and squeezes the sponge releasing the active ingredient. Manually depressing the cover also releases the active ingredient even though the bristles may not be in direct contact with the hair at that time.

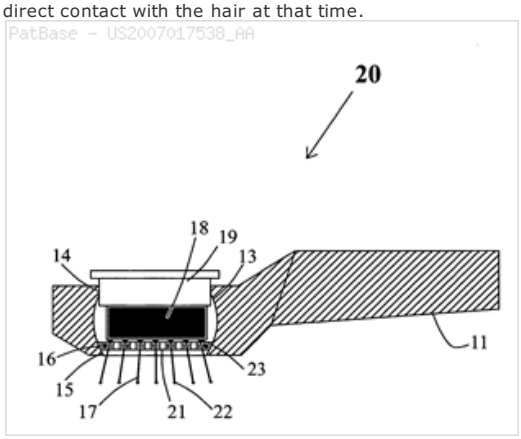
Classifications:

International (IPC 8-9): A01K13/00 A45D24/04 A45D24/16 A45D24/22 A46B11/04 A46B15/00 A46B29/17 A46B7/00 A46D3/00 A46D99/00 A47L13/22 B23P17/04 B43M11/06 (Advanced/Invention); A01K13/00 A45D24/00 A46B15/00 A46B7/00 A46D3/00 A46D99/00 A47L13/20 B23P17/00 B43M11/00 (Core/Invention)

CPC: A01K13/003 A46B11/002 A45D24/26 Y10T29/49826 A01K13/002 A01K13/001 A46B1/00 A46B5/02 A46B5/021 A46B11/0006 A46B11/0041 A46B11/0062 A46B11/0096 A46B11/066 A46B2200/104 A46B2200/1093 A46B2200/3046

European: A01K13/00B A01K13/00C A01K13/00D A45D24/26 A46B11/00B A46B11/00C6 A46B11/00C6C A46B11/00C8 A46B11/00E6 A46B11/06B2 A46B5/02A K46B1/00 K46B200/10E K46B200/10H K46B200/30G K46B5/02

US: 119/602 119/602S 119/603 119/605 119/605S 119/620 119/620S 119/625 119/625S 119/651 119/664 132/108 132/110 132/112 132/113 132/114 132/116 15/186 29/428 29/428S 300/21 300/21S 401/270 401/270P 401/282 401/282P 401/287



Family:

Publication number	Publication date	Application number	Application date
US2007017538 AA	20070125	US20050186583	20050721
US2007017539 AA	20070125	US20060349638	20060208
US2007144451 AA	20070628	US20070710848	20070226
US2007193597 AA	20070823	US20070788666	20070420
US2007261643 AA	20071115	US20070880249	20070720
US2008178823 AA	20080731	US20080079454	20080327
US2008202544 AA	20080828	US20070710829	20070226
US2010143024 AA	20100610	US20090589002	20091016
US2011206445 AA	20110825	US20110931827	20110211
US7322364 BB	20080129	US20060349638	20060208
US7337784 BB	20080304	US20050186583	20050721
US7694687 BB	20100413	US20070710848	20070226
US7814917 BB	20101019	US20070788666	20070420
US7926492 BB	20110419	US20070880249	20070720
US8006705 BB	20110830	US20070710829	20070226
US8082886 BB	20111227	US20080079454	20080327
US8336558 BB	20121225	US20090589002	20091016

US8418654 BB	20130416	US20110931827	20110211
WO07013982 A2	20070201	WO2006US28201	20060720
WO07013982 A3	20071101	WO2006US28201	20060720
WO07092038 A2	20070816	WO2006US28444	20060721
WO07092038 A3	20080612	WO2006US28444	20060721

Priority:

US20050186583 20050721 US20060349638 20060208 US20070710848 20070226
US20070710829 20070226 US20070788666 20070420 US20070880249 20070720
US20080079454 20080327 US20090589002 20091016 US20110931827 20110211

Probable Assignee: I DID IT INC

Assignee(s): (std): DIDIT INC I ; HURWITZ MARNI M ; HURWITZ MARNI MARKELL ; I DID IT INC ; IDIDIT INC

Assignee(s): I DIDIT INC

Inventor(s): (std): HURWITZ MARNI M ; HURWITZ MARNI MARKELL

Inventor(s): HURWITZ MARNI

Agent(s): ERNEST D BUFF ERNEST D BUFF AND ASSOCIATES LLC; ERNEST D BUFF AND ASSOCIATES; BUFF ERNEST D; LACROIX MARGARET A; ERNEST D; MARGARET A; ERNEST D BUFF AND ASSOCIATES LLC; LA CROIX MARGARET A; HARRY; ERNEST D BUFF AND ASSOC LLC; ERNEST D BUGG AND ASSOC LLC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR 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 MG MK ML MN MR MW MX 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 SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

299) Family number: 67662668 (WO17205751A1)

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Title: IMPROVED INSECT CONTROL STRATEGIES UTILIZING PHEROMONES AND RNAI

Abstract: Systems and methods of preventing or reducing crop damage from pests are provided. In one embodiment, the method comprises: a) applying a mating disruption tactic to a field plot; and b) disrupting expression of one or more target genes in one or more pests, wherein crop damage is reduced in the field plot. In another embodiment, the method comprises applying an attract-and-kill tactic to a field plot, wherein said attract-and-kill tactic comprises: a) applying one or more semiochemicals or factors; and b) disrupting expression of one or more target genes in one or more pests, wherein said disruption is capable of killing the one or more pests, wherein crop damage is reduced in the field plot.

Classifications:

International (IPC 8-9): A01M29/12 A01N27/00 C12N15/82 C12P19/34 (Advanced/Invention)

CPC: A01N35/02 A01N37/06 A01N49/00 A01N27/00 C12N15/8218 C12N15/8286 Y02A40/162

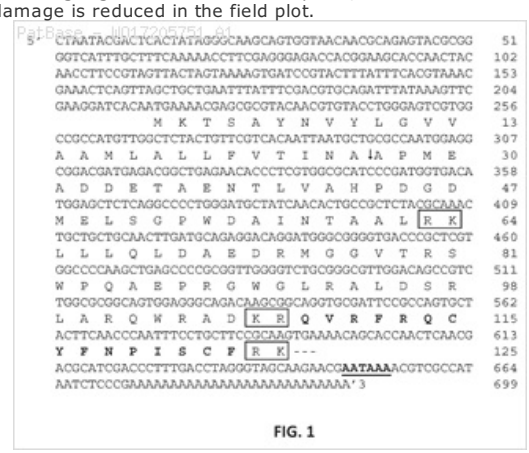


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
WO17205751 A1	20171130	WO2017US34697	20170526

Priority:

US20160342807P 20160527

Probable Assignee: PROVIVI INC

Assignee(s): (std): PROVIVI INC

Inventor(s): (std): COELHO PEDRO ; WHEELER CHRISTOPHER

Agent(s): 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 DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG 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

300) Family number: 43542672 (US2009186767A)

© PatBase

Title: USE OF SURFACTANTS FOR MITIGATING DAMAGE TO PLANTS FROM PESTS

Abstract: A method is described for treating soil to increase plant growth or improve the health of plants, wherein an aqueous solution of polyethoxylated fatty acids and/or fatty alcohols is used which has pesticidal effects. In some embodiments, the method can be used against soil pests such as at least one of nematodes, soil-dwelling insects, and weeds. The invention also pertains to methods for applying bio-derived surfactants to crops and other plants or to the soil used for such plants in order to reduce the need to apply environmentally unfriendly pesticides substances.

Classifications:

International (IPC 8-9): A01G7/02 A01N37/02 A01N37/12 A01N59/04 A01N61/00 A01N65/00 A01P13/00 A01P5/00 A01P7/04 C09K17/50 (Advanced/Invention);

A01G7/02 A01N37/02 A01N37/12 A01N59/04 A01P13/00 A01P5/00 A01P7/04 C09K17/40 (Core/Invention)
CPC: A01N37/04 A01N37/06 A01N37/12
European: A01N37/04 A01N37/06 A01N37/12
US: 504/313 514/552

Family:

Publication number	Publication date	Application number	Application date
CA2712601 AA	20090723	CA20092712601	20090115
EP2242361 A2	20101027	EP20090702247	20090115
US2009186767 AA	20090723	US20080218166	20080711
WO09091572 A2	20090723	WO2009US00259	20090115
WO09091572 A3	20160421	WO2009US00259	20090115

Priority:

US20080022307 20080118 US20080022307P 20080118 US20080218166 20080711 WO2009US00259 20090115

Probable Assignee: BJARN LLC

Assignee(s): (std): ARBOGAST STEPHEN CRAIG ; BECTON RONALD A ; BJARN LLC ; CLEARESO LLC ; NIGG HERBERT NICHOLAS

Inventor(s): (std): NIGG HERBERT NICHOLAS ; ARBOGAST STEPHEN CRAIG ; BECTON RONALD A

Agent(s): PRONOVEM; JAMES C EAVES JR GREENEBAUM DOLL AND MCDONALD PLLC; EAVES JAMES C

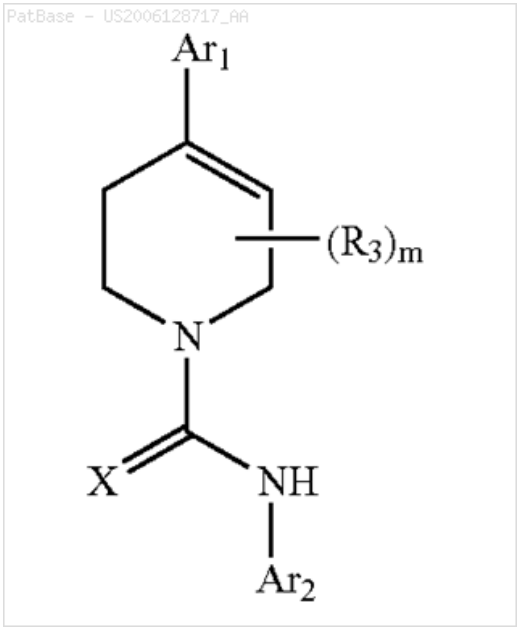
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301) Family number: 31492673 (US2006128717A)

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Title: THERAPEUTIC AGENTS USEFUL FOR TREATING PAIN

Abstract: A compound of formula: where Ar_1, Ar_2, X, R_3, and m are as disclosed herein or a pharmaceutically acceptable salt thereof (a "Tetrahydropiperidyl Compound"); compositions comprising an effective amount of a Tetrahydropiperidyl Compound; and methods for treating or preventing pain, UI, an ulcer, IBD, IBS, an addictive disorder, Parkinson's disease, parkinsonism, anxiety, epilepsy, stroke, a seizure, a pruritic condition, psychosis, a cognitive disorder, a memory deficit, restricted brain function, Huntington's chorea, amyotrophic lateral sclerosis, dementia, retinopathy, a muscle spasm, a migraine, vomiting, dyskinesia, or depression in an animal comprising administering to an animal in need thereof an effective amount of a Tetrahydropiperidyl Compound are disclosed herein.



Classifications:
International (IPC 8-9): A01N43/40 A01N43/56 A61K A61K31/44 A61K31/4439 A61K31/444 A61K31/4523 A61K31/454 A61K31/4545 A61K31/495 A61K31/496 A61K31/497 A61K31/501 A61K31/506 A61K31/635 A61K45/00 A61P A61P1/00 A61P1/02 A61P1/04 A61P1/08 A61P1/10 A61P1/14 A61P1/16 A61P1/18 A61P11/00 A61P11/06 A61P11/16 A61P13/00 A61P13/02 A61P13/06 A61P13/10 A61P13/12 A61P15/00 A61P17/00 A61P17/04 A61P17/06 A61P19/02 A61P19/08 A61P21/00 A61P21/02 A61P25/00 A61P25/04 A61P25/06 A61P25/08 A61P25/10 A61P25/12 A61P25/14 A61P25/16 A61P25/18 A61P25/22 A61P25/24 A61P25/28 A61P25/30 A61P25/32 A61P25/34 A61P25/36 A61P27/02 A61P27/06 A61P27/12 A61P29/00 A61P3/04 A61P3/06 A61P3/08 A61P3/10 A61P31/04 A61P31/06 A61P31/08 A61P31/12 A61P31/18 A61P33/00 A61P35/00 A61P37/00 A61P37/06 A61P37/08 A61P39/00 A61P43/00 A61P9/04 A61P9/06 A61P9/10 A61P9/12 A61P9/14 C07D C07D213/00 C07D213/22 C07D213/74 C07D213/75 C07D213/85 C07D241/00 C07D401/00 C07D401/04 C07D401/14 C07D403/04 C07D403/14 C07D405/00 C07D409/00 C07D411/00 C07D413/14 C07D417/00 C07D417/04 C07D417/14 C12N5/00 C12N5/02 (Advanced/Invention);
C07D213/00 C07D241/00 C12N15/09 (Advanced/Non-invention);
A01N43/34 A01N43/48 A61K31/00 A61K31/44 A61K31/4427 A61K31/4523 A61K31/4965 A61K31/501 A61K31/506 A61K31/63 A61P1/00 A61P13/00 A61P25/00 A61P29/00 A61P43/00 C07D213/00 C07D241/00 C07D401/00 C07D403/00 C07D413/00 C07D417/00 (Core/Invention);
A61K A61P C07D (Subclass/Invention)
International (IPC 1-7): A61K31/4545 A61K31/495 A61P1/04 A61P13/00 A61P13/02 A61P29/00 C07D213/00 C07D241/00 C07D401/04 C07D417/14
CPC: C07D213/74 C07D213/85 A61K31/444 C07D401/14 C07D401/04 C07D413/14 C07D417/04 C07D417/14
European: C07D213/74 C07D213/85 C07D401/04 C07D401/14 C07D413/14 C07D417/04 C07D417/14
US: 1/1 435/375 435/375S 514/238 514/252.03 514/252.030P 514/253.01 514/253.010P 514/255.05 514/255.050S 514/256 514/256S 514/277 514/331 514/332 514/332S 514/333 514/334 514/334S 514/405 544/238 544/238S 544/331 544/331S 544/360 544/360S 544/405 544/405S 546/256 546/256S 546/257 546/257S 546/270.1

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US7776861 BB	20100817	US20060338502	20060123
US8030310 BB	20111004	US20100715825	20100302
US8178560 BB	20120515	US20100817773	20100617
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Priority:

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US20130108729 20131217		

Probable Assignee: PURDUE PHARMA LP

Assignee(s): (std): EURO CELTIQUE SA ; SUN QUN ; WEN XIN ; KYLE DONALD J ; PURDUE PHARMA LP

Assignee(s): WEN KATE ; PURDUE PHARMA L P ; EUROCELTIQUE SA ; EUROCELTIQUE S A ; EURO CELTIQUE S A

Inventor(s): (std): KATE SUN QUN WEN ; KATE WEN ; QUN KYLE DONALD J SUN ; QUN SUN ; SUN QUN ; WEN KATE ; WEN KATE GUANG ; WEN KATE XIN ; WEN XIN ; XIN WEN ; KYLE DONALD J ; KYLE DONALD

Inventor(s): DONALD KYLE ; SUN QUN PRINCETON ; SUN QUN WEN KATE ; SUN QUN WEN XIN ; KATE XIN WEN ; KYLE DONALD J SUN QUN ; KYLE DONALD NEWTOWN ; DONALD J KYLE

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; GOWLING LAFLEUR HENDERSON LLP; GILBERTS LLP; MAIWALD GMBH; EHLICH EVA SUSANNE; BUEHLER DIRK; VOS DERK; MAIWALD WALTER; LLOYD WISE AND CO; MARKS AND CLERK; DR SHLOMO COHEN AND CO; KOBAYASHI SUMIKO; KATAYAMA EIJI; OHMORI NORIO; KOBAYASHI HIROSHI; JONES DAY; DECHERT LLP; STERNE KESSLER GOLDSTEIN AND FOX PLLC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG 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 NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

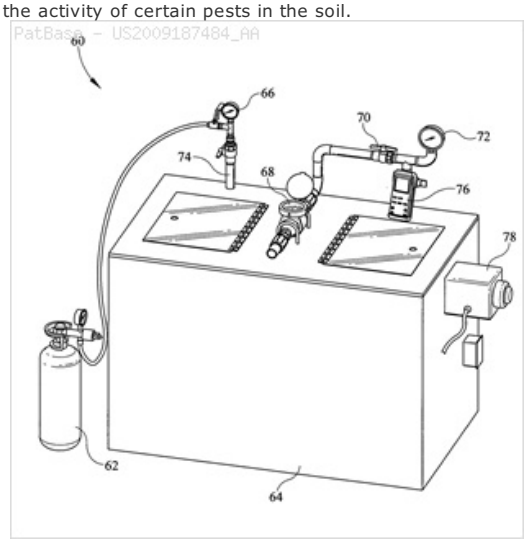
302) Family number: 43542676 (US2009187484A)

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Title: SOIL TREATMENTS WITH CARBON DIOXIDE

Abstract: A method is described for treating soil to increase plant growth or improve the health of plants, wherein a combination of carbon dioxide and a surfactant having pesticidal effects is applied. The invention also pertains to methods for applying bio-derived surfactants in combination with carbon dioxide to crops and other plants or to the soil used for such plants in order to reduce the need to apply environmentally unfriendly pesticides or fertilizers, as well as to improved methods of removing carbon dioxide from the atmosphere by applying the carbon dioxide to plants and soil in combination with surfactants, particularly bio-derived surfactants that can reduce the activity of certain pests in the soil.

Classifications:
International (IPC 8-9): A01G7/02 A01N25/30 A01N59/04 A01P5/00 A01P7/04 B09C1/02 C09K17/50 G06Q30/00 G06Q50/00 (Advanced/Invention);
A01G7/02 A01N25/30 A01N59/04 A01P5/00 A01P7/04 C09K17/40 G06Q30/00 G06Q50/00 (Core/Invention)
CPC: Y02P60/246 A01N59/04 G06Q30/0236
European: A01N59/04 G06Q30/0236
US: 504/116.1 504/116.100S 705/14 705/14.36 705/14.360P



Family:

Publication number	Publication date	Application number	Application date
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EP2242368 A2	20101027	EP20090701884	20090115
US2009187484 AA	20090723	US20080218165	20080711
WO09091570 A2	20090723	WO2009US00253	20090115
WO09091570 A3	20160331	WO2009US00253	20090115

Priority:

US20080022308 20080118 US20080022308P 20080118 US20080218165 20080711

WO2009US00253 20090115

Probable Assignee: GREEN KNIGHT TECHNOLOGIES LLC

Assignee(s): (std): ARBOGAST STEPHEN CRAIG ; BECTON RONALD A ; CLEARESO LLC ; GREEN KNIGHT TECHNOLOGIES LLC ; NIGG HERBERT NICHOLAS ; JONES K BRUCE

Assignee(s): JONES K

Inventor(s): (std): NIGG HERBERT NICHOLAS ; ARBOGAST STEPHEN CRAIG ; BECTON RONALD A ; JONES K BRUCE ; REEB JANE E

Inventor(s): JONES K

Agent(s): PRONOVEM; JAMES C EAVES JR GREENEBAUM DOLL AND MCDONALD PLLC; EAVES JR JAMES C

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 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 ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

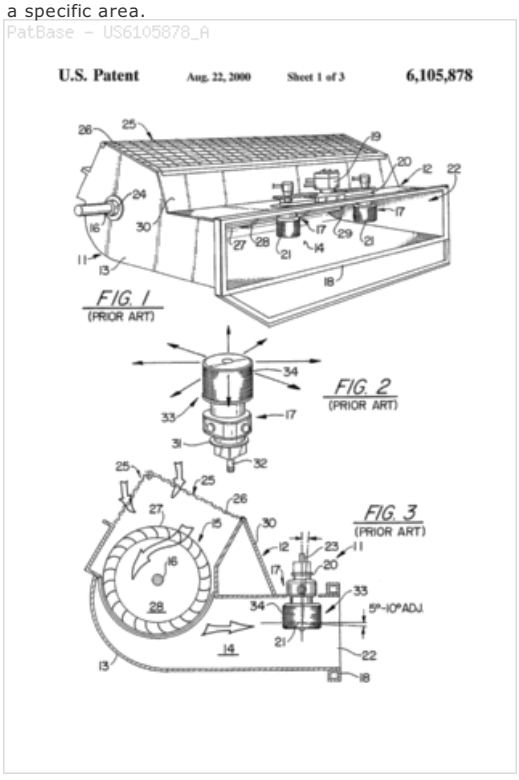
303) Family number: 12466676 (US6105878A)

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Title: Controlled droplet size in ultra low volume ground borne spray application of insecticide

Abstract: Apparatus and method is provided for applying agriculturally active substances in a controlled manner from the ground in the most effective droplet size range and at ultra low volumes so that efficiency is optimized while contamination of areas adjacent to the targeted area is greatly reduced. The method and apparatus comprise modification of spray units for controlled droplet atomizers comprising at least one tangential vortex crossflow fan having one or more controlled droplet atomizers in the throat of the fan and upstream of the mouth or wide emission opening of the fan, by positioning a wind deflector in the immediate vicinity behind the atomizer so that the atomizer is shielded from direct impingement of the wind generated by the fan and maintaining the liquid active agricultural substance at a temperature at which the liquid has an appropriate fluidity for the desired droplet size and operation of the modified spray unit within fixed parameters of pump speed, fan speed, atomizer turns and tractor velocity to achieve a narrow distribution of droplet sizes within the desired range while emitting relatively low volumes of the active substance in a specific area.

Classifications:
International (IPC 8-9): A01M7/00 B05B7/00 B05B7/24 (Advanced/Invention); A01M7/00 B05B7/00 B05B7/24 (Core/Invention)
International (IPC 1-7): A62C5/02 B05B1/24
CPC: A01M7/0014 A01M7/006 A01M7/0064 B05B7/0075 B05B7/24
European: A01M7/00B2 A01M7/00D2 A01M7/00D3 B05B7/00D B05B7/24
US: 239/13 239/166 239/77 239/8 415/53.1 415/531



Family:

Publication number	Publication date	Application number	Application date
US6105878 A	20000822	US19980158392	19980922

Priority:

US19980158392 19980922

Probable Assignee: DYER JACK H

Assignee(s): (std): DYER JACK H ; ROBINSON RICHARD DAVID

Inventor(s): (std): DYER JACK H ; ROBINSON RICHARD DAVID

304) Family number: 43542677 (US2009186761A)

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Title: USE OF BIO-DERIVED SURFACTANTS FOR MITIGATING DAMAGE TO PLANTS FROM PESTS

Abstract: A method is described for treating soil to increase plant growth or improve the health of plants, wherein an aqueous solution of a bio-derived surfactant obtained from natural lipids has pesticidal effects. In some embodiments, the method can be used against soil pests such as at least one of nematodes, soil-dwelling insects, and weeds. The invention also pertains to methods for applying bio-derived surfactants to crops and other plants or to the soil used for such plants in order to reduce the need to apply environmentally unfriendly pesticides substances.

Classifications:

International (IPC 8-9): A01N37/00 A01N37/12 A01N59/04 A01N61/00 A01N65/00 A01N65/18 A01N65/20 A01P5/00 A01P7/04 (Advanced/Invention);
A01N37/00 A01N59/04 A01P5/00 A01P7/04 (Core/Invention)
CPC: A01N31/02 A01N37/04 A01N37/12 A01N37/20 A01N59/04
European: A01N31/02 A01N37/04 A01N37/12 A01N37/20 A01N59/04
US: 504/125 504/313 504/313S 514/547 514/547S

Family:

Publication number	Publication date	Application number	Application date
CA2712238 AA	20090723	CA20092712238	20090115
EP2242369 A1	20101027	EP20090702593	20090115
US2009186761 AA	20090723	US20080218117	20080711
WO09091564 A1	20090723	WO2009US00246	20090115

Priority:

US20080022304 20080118 US20080022304P 20080118 US20080218117 20080711 WO2009US00246 20090115

Probable Assignee: BJARN LLC

Assignee(s): (std): ARBOGAST STEPHEN CRAIG ; BECTON RONALD A ; BJARN LLC ; CLEARESO LLC ; NIGG HERBERT NICHOLAS

Inventor(s): (std): NIGG HERBERT NICHOLAS ; ARBOGAST STEPHEN CRAIG ; BECTON RONALD A

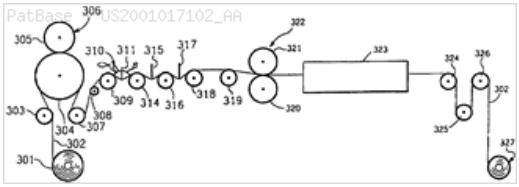
Agent(s): PRONOVEM; JAMES C EAVES JR GREENEBAUM DOLL AND MCDONALD PLLC; EAVES JAMES C JR

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 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 ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

305) Family number: 34548679 (US2001017102A) © PatBase

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 D06N3/12 D06N7/00 D21H17/59 D21H19/32 D21H23/38 D21H25/06 G01N33/544 G01N33/569 G01N33/573 (Advanced/Invention);
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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 A61L15/26 A61L15/44 A61L15/52 A63B39/00 B05C11/00 B05C11/02 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 C14C11/00 C14C9/00 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 D06M15/356 D06M15/364 D06M15/364 D06M15/37 D06M15/37 D06M15/564 D06M15/643 D06M15/653 D06M15/657 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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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 427/173 427/176 427/209 427/245 427/299 427/324 427/356 427/358 427/359 427/365 427/369 427/387 427/389 427/389.9 427/391 427/392 427/393.3 427/393.4 427/412 427/8 428/138 428/213 428/215 428/216 428/221 428/224 428/225 428/234 428/235 428/240 428/241 428/242 428/244 428/246 428/248 428/252 428/260 428/264 428/272 428/274 428/283 428/286 428/287 428/289 428/290 428/304.4 428/305.5 428/306.6 428/308.4 428/309.9 428/311.1 428/311.11 428/311.5 428/311.51 428/311.7 428/311.71 428/315.5 428/315.7 428/315.9 428/316.6 428/317.1 428/317.9 428/319.3 428/339 428/422 428/425.5 428/447 428/77 428/78 428/904 428/907 428/913 428/920 435/5 435/7.92 436/518 436/535 442/102 442/104 442/123 442/152 442/153 442/164 442/281 442/381 442/417 442/61 442/71 442/76 442/79 442/81 442/82 442/87 442/88 523/103 523/122 528/15 602/48 602/50 604/367 604/372 604/374 604/377 604/378 604/381 604/385.01 604/385.1 977/788 977/891 977/918

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Priority:

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Probable Assignee: NEXTEC APPLICATIONS INC

Assignee(s): (std): CALDWELL J MICHAEL ; CALDWELL JAMES MICHAEL ; CHIRON CORP ; SCHMERMUND GEORGE ; FABRIC COATING CORP ; NEXTEC APPLIC INC ; NEXTEC APPLICATIONS INC ; SILI TEX INC ; VIAGENE INC

Assignee(s): SILICON VALLEY BANK ; ELLMAN PETER ; NEKUSUTETSUKU APURIKEESHONZU INC

Inventor(s): (std): CALDWELL MICHAEL ; CALDWELL JAMES M ; LAIKIND PAUL K ; RESPESS JAMES G ; JOLLY DOUGLAS J ; GRUBER HARRY E ; JAMES MICHAEL CALDWELL ; ELLMAN PETER ; SCHMERMUND GEORGE ; CALDWELL JAMES MICHAEL ; CALDWELL J MICHAEL

Inventor(s): PETER ELLMAN ; GEORGE SCHMERMUND ; KOORUDOERU JEIMUZU MAIKERU ; PAUL K LAIKIND ; JAMES G RESPESS ; DOUGLAS J JOLLY ; HARRY E GRUBER

Agent(s): FB RICE; FB RICE PTY LTD; RICHES MCKENZIE AND HERBERT LLP; REINHOLD COHN AND PARTNERS

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

306) Family number: 32686679 (GB2433690A)

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Title: INTERMITTENTLY OPERATED INSECT TRAP

Abstract: The insect trap embodies two primary operations including actuation of ultrasonic waves to excite an attractant and form a mist and formation of an airflow backpressure, thereby ensuring that the attractant is not disturbed by external forces during the course of volatilization, and thus preventing dilution of the attractant. Moreover, intermittent operation of a motor results in substantial savings in power. The insect trap primarily uses a mist excitation device 2 to excite and disperse an insect attractant as attractant particles that suspend in the air and diffuse. After achieving a predetermined diffusion concentration, operation switches over to actuate a backpressure device 5, which pressures insects attracted close to an attracting area into a receiving chamber through a mechanical unidirectional valve. A preparation inducement period and alternating working times realize mechanical ensnaring of insects, and provides power saving features and safety in use.

Classifications:

International (IPC 8-9): A01M1/02 A01M1/08 (Advanced/Invention)
CPC: A01M1/023 A01M1/08
European: A01M1/02C A01M1/08 K01M201/00

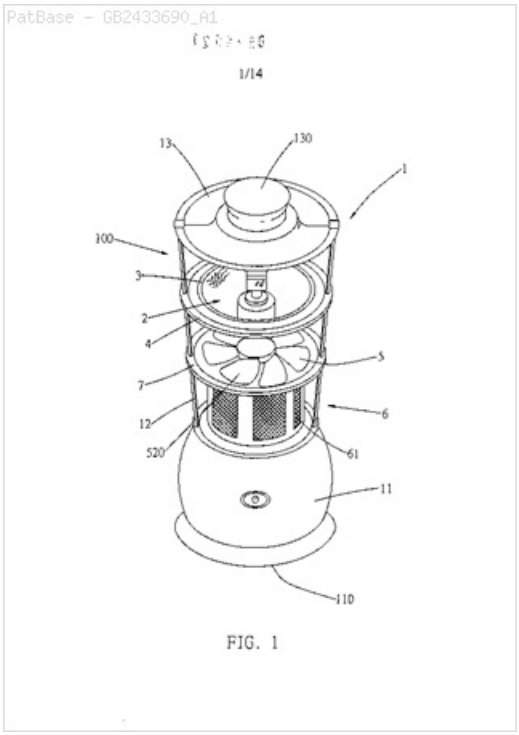


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
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GB2433690 A1	20070704	GB20050026527	20051229
GB2433690 B2	20080109	GB20050026527	20051229

Priority:

GB20050026527 20051229

Probable Assignee:	KAI CHIH IND CO LTD
Assignee(s): (std)**:**	KAI CHIH IND CO LTD
Assignee(s):	KAI CHIH INDUSTRIAL CO LTD
Inventor(s): (std)**:**	CHEN WEN PIN ; JEAN NAI YING
Inventor(s):	WEN PIN CHEN ; NAI YING JEAN

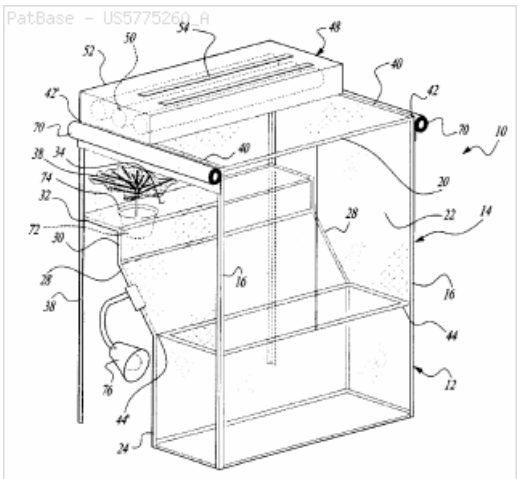
307) Family number: 11000680 (US5775260A)

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Title: Aquarium extension

Abstract: An enclosure which defines an extension located both immediately above and rearward of an aquarium with a front wall, a rear wall, opposing side walls, a bottom wall, an open top. The enclosure comprising a fame that includes a plurality of support members. Located about the frame members is a screen material or other material which defines the top, front, sides and rear walls of said enclosure. An opening is defined in the enclosure by the support members and the screen material. The opening is horizontally oriented, generally adjacent to the front wall and spaced below the top wall of the enclosure. The frame is adapted to be mounted relative to the aquarium such that the opening is generally coincidental with the open top of the aquarium. A portion of said enclosure is thus located above the aquarium with another portion of the enclosure located above and rearward of the rear wall of the aquarium. In this manner, the enclosure provides an enclosed space that extends both above and rearward of an aquarium so as to enable the healthy confinement of additional, principally land-based animals in a varied environment.

Classifications:
International (IPC 8-9): A01K63/00 (Advanced/Invention); A01K63/00 (Core/Invention)
International (IPC 1-7): A01K1/00
CPC: A01K63/003 A01K63/006
European: A01K63/00A A01K63/00A1
US: 119/246 119/255 119/266



Family:

Publication number	Publication date	Application number	Application date

US5775260 A	19980707	US19970783484	19970114

Priority:

US19960010348P 19960116 US19970783484 19970114

Probable Assignee: JANSEN LABORATORIES LLC

Assignee(s): (std)**:** JANSEN JOHN

Assignee(s): JANSEN LABORATORIES LLC

Inventor(s): (std)**:** JANSEN JOHN

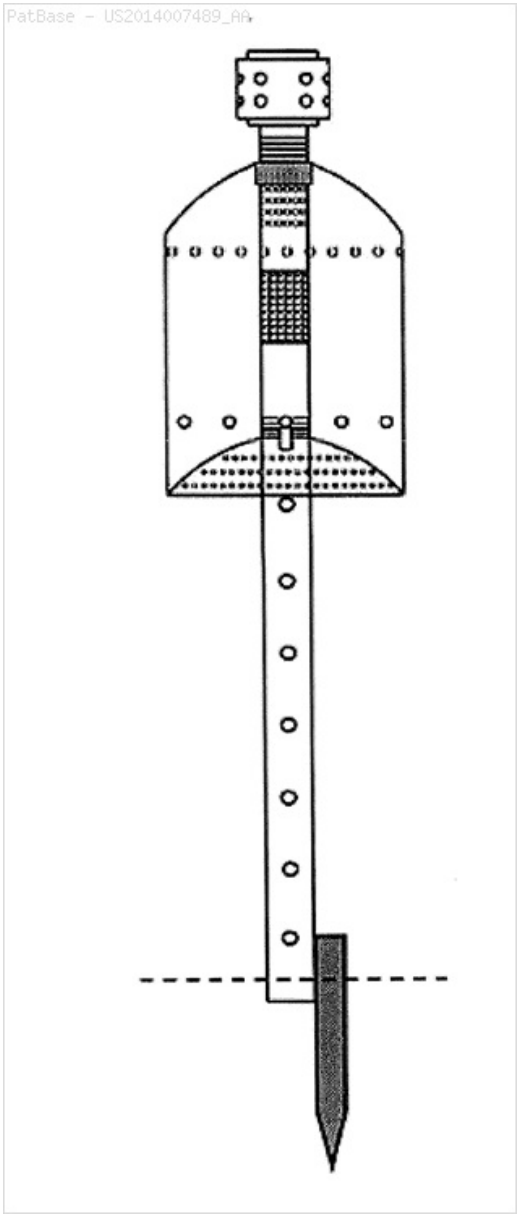
308) Family number: 55525683 (US2014007489A)

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Title: INSECT-KILLING MONITORING TRAP FOR MASS CAPTURING AND CONTROLLING COTTON BOLL WEEVILS

Abstract: A trap for mass capturing and controlling the insect called "cotton boll weevil", comprising a tubular central body (1) having a bottom section provided with holes (11), a housing formed by a perforated lid (7) and a base or bottom lid (3) provided with holes (3B) and further including one or more openings (12) to allow insect entering the housing from the bottom section (1); b) an insecticide dispenser section (4) inside the housing, c) a hole section for venting and discharging vapors (5) located at a position that is farther from the base or bottom lid than the insecticide dispenser (4); d) a perforated vessel (8) to contain an attractant diffuser (14) outside the housing and above it, and e) a closure (9) of the perforated vessel (8) at its upper end.

Classifications:
International (IPC 8-9)**:** A01M1/00 A01M1/02 A01M1/10 A01M1/20 (Advanced/Invention)
CPC: A01M1/2011 A01M1/103 A01M1/00 A01M1/02 A01M1/10 A01M1/2005
US: 1/1 43/121



Family:

Publication number	Publication date	Application number	Application date
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MX357989 B	20180731	MX20130007870	20130704
US2014007489 AA	20140109	US20130934939	20130703
US9402383 BB	20160802	US20130934939	20130703

Priority:

AR2012P102445 20120705

Probable Assignee: INSTITUTO NACIONAL DE TECNOLOGIA AGROPECUARIA
Assignee(s): (std): INST NAC DE TECNOLOGIA AGROPECUARIA ; INSTITUTO NAC DE TECNOLOGIA AGROPECUARIA
Assignee(s): INSTITUTO NACIONAL DE TECNOLOGIA AGROPECUARIA
Inventor(s): (std): BONACIC KRESIC IVAN ; KRESIC IVAN BONACIC
Inventor(s): IVAN BONACIC KRESIC
Agent(s): MARGARITA CASTELLANOS ABONDANO; CROWELL AND MORING LLP

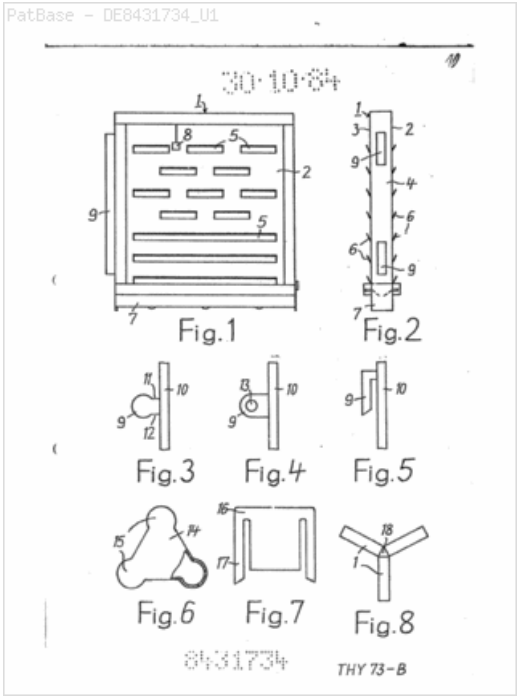
309) Family number: 16558684 (DE8431734U1)

Title: VORRICHTUNG ZUM EINFANGEN VON BORKENKAEFERN DEVICE FOR TRAPPING OF BORKEN KAEFER (Machine translation)

Abstract: Source: DE8431734U1 [DE] (Claim 1) 1. Vorrichtung zum Einfangen von Borkenkaefern unter Ver- wendung von als Hohlkoerper ausgebildeten und an einer Halterung festlegbaren Schlitzfallen, deren als Prall- flaechen ausgebildete Wandungen schlitzfoermige oeffnungen und nach aussen abstehende Schraegen aufweisen, die mit einem einen die Borkenkaefer anlockenden Lockstoff enthaltenden Behaelter ausgeruestet sind und die einen in Gebrauchslage unterhalb des Hohlkoerpers befindlichen Fangbehaelter haben, dadurch gekennzeichnet, dass an der Wandung (10) der Hohlkoerper (l) aussen mindestens ein Teil einer Befestigungsvorrichtung angebracht ist, durch welches unter Zwischenschaltung von mindestens einem Verbindungselement (14,16) mindestens zwei Hohlkoerper (1) zu einer Einheit verbindbar sind.

Machine translation: (Claim 1) 1 Device for trapping bark beetles under Ver-use of as Hohlkoerper trained and on a bracket fixable slot traps, the as-rigid surface is formed walls of slit-shaped openings and outwardly projecting slopes exhibit, which are equipped with one of the bark beetle attractant bait containing vessel and the have one in use position below the Hohlkoerpers located Fangbehaelter, characterized in that at the wall (10) of Hohlkoerper (l) the outside at least a portion of a fixing device is attached, through which the interposition of at least one connecting element (14,16) at least two Hohlkoerper (1) connected to a unit.

Classifications:
International (IPC 8-9): A01M1/10 (Advanced/Invention); A01M1/00 (Core/Invention)
International (IPC 1-7): A01M1/10



Family:

Publication number	Publication date	Application number	Application date
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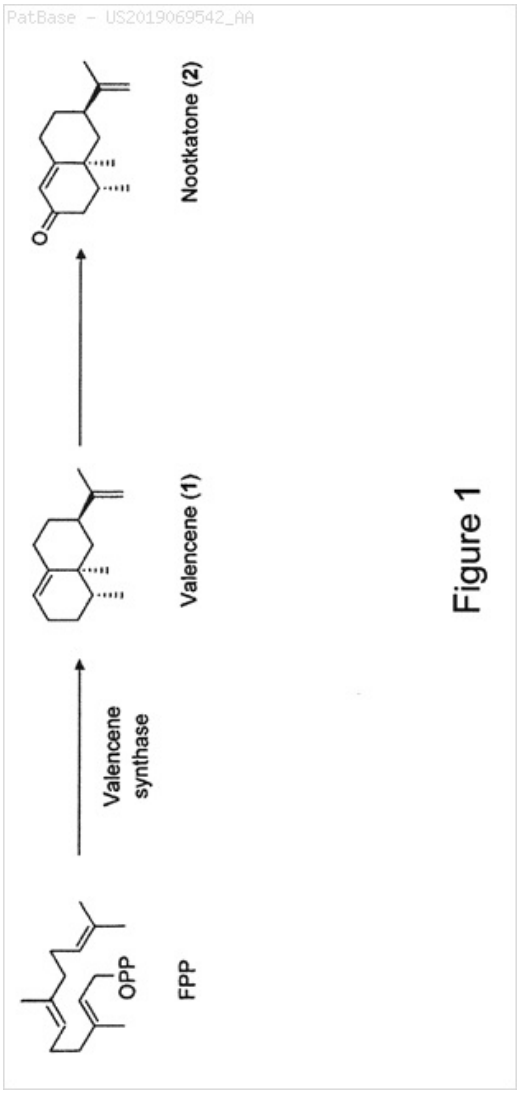
Priority:
DE19840031734U 19841030

Probable Assignee: THEYSOHN KUNSTSTOFF GMBH 3320 SALZGITTER DE
Assignee(s): THEYSOHN KUNSTSTOFF GMBH 3320 SALZGITTER DE

310) Family number: 67084692 (US2019069542A)

Title: COMPOSITIONS AND METHODS FOR REPELLING AND KILLING TICKS AND DETACHMENT OF FEEDING TICKS

Abstract: Methods for repelling and killing ticks as well as for detaching attached and feeding ticks from the skin of a subject by application of a composition comprising nootkatone to the tick are disclosed.
Classifications:
International (IPC 8-9): A01N35/06 A01P17/00 A01P7/02 (Advanced/Invention)
CPC: A01N35/06



Family:

Publication number	Publication date	Application number	Application date
EP3432712 A1	20190130	EP20170714172	20170324
US2019069542 AA	20190307	US20170086461	20170324
WO17162886 A1	20170928	WO2017EP57137	20170324

Priority:

US20160312985P 20160324 US20170086461 20170324 WO2017EP57137 20170324

Probable Assignee: EVOLVA SA

Assignee(s): (std)**:** CT DISEASE CONTR AND PREVENTION ; EVOLVA SA ; US HEALTH

Assignee(s): THE SEC DEP OF HEALTH AND HUMAN SERVICES AS US GOV ; SEC DEP OF HEALTH AND HUMAN SERVICES AS US GOV ; CENTERS FOR DISEASE CONTROL AND PREVENTION

Inventor(s): (std)**:** DOLAN MARC C ; JULIEN BRYAN N ; BRADBURY RODERICK STEPHEN

Agent(s): REES KERRY; SMAGGASGALE GILLIAN HELEN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG 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

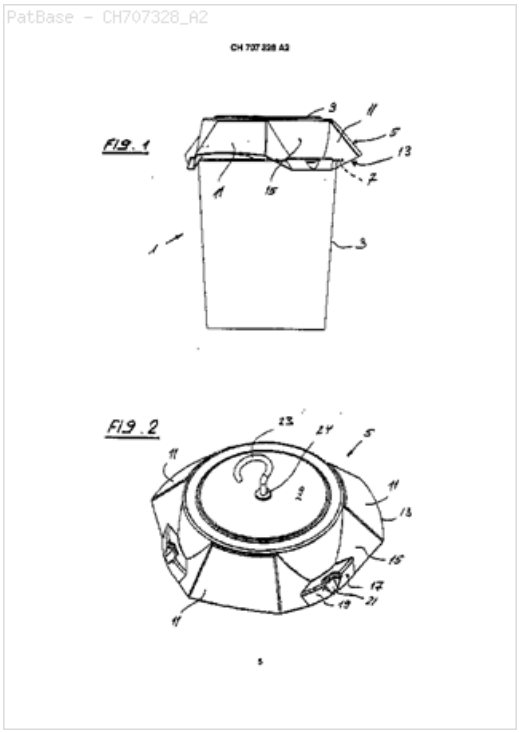
311) Family number: 56774693 (CH707328B)

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Title: ABDECKHAUBE FUER EINE BECHERFALLE.

Abstract: Source: CH707328B [DE] Die Abdeckhaube (5) fuer eine Becherfalle ist durch Rastmittel (17) an der Oberkante des Behaelters mit Duftstoff einrastbar. Die Abdeckhaube (5) umfasst gaubenartige Vorspruenge (11), die den Rand des Behaelters ueberragen und grosse oeffnungen (13) fuer den Durchtritt von Wind und Duftstoff und den Zutritt von Insekten erlauben.

Classifications:
International (IPC 8-9): A01M1/10 (Advanced/Invention)
CPC: A01M1/106 Y02A50/373



Family:

Publication number	Publication date	Application number	Application date
CH707328 A2	20140613	CH20120002791	20121213
CH707328 B1	20160531	CH20120002791	20121213

Priority:

CH20120002791 20121213

Probable Assignee: RIGA AG

Assignee(s): (std)**:** RIGA AG

Inventor(s): (std)**:** GASSER PAUL ; PAUL GASSER

312) Family number: 58177696 (US2015020239A)

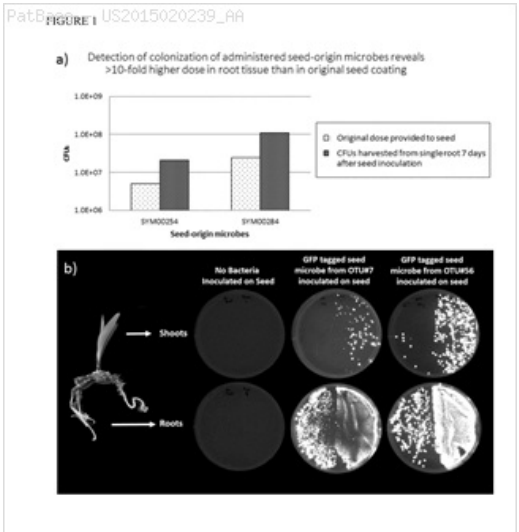
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Title: SEED-ORIGIN ENDOPHYTE POPULATIONS, COMPOSITIONS, AND METHODS OF USE

Abstract: This application relates to methods and materials for providing a benefit to a seed or seedling of an agricultural plant (e.g., an agricultural grass plant), or the agricultural plant derived from the seed or seedling. For example, this application provides purified bacterial populations that include novel seed-origin bacterial endophytes, and synthetic combinations of seeds and/or seedlings (e.g., cereal seeds and/or seedlings) with heterologous seed-derived bacterial endophytes.

Classifications:

International (IPC 8-9): A01C A01C1/00 A01C1/06 A01G1/00 A01G22/40 A01G7/00 A01G7/06 A01H1/04 A01H15/00 A01H17/00 A01H3/00 A01H5/00 A01H5/10 A01N A01N25/00 A01N25/26 A01N37/46 A01N63/00 A01N63/02 A01N63/04 A01N65/00 A01N65/42 A01P21/00 A1N63/02 A1N63/04 C05F11/08 C12N C12N1/04 C12N1/14 C12N1/20 C12N15/00 C12N15/82 C12N5/04 C12Q1/00 C12Q1/68 C40B30/06 G01N33/00 G01N33/50 (Advanced/Invention);
A01C1/00 C12N1/14 C12N1/20 (Advanced/Non-invention);
A01C A01N G01N (Subclass/Invention)
International (IPC 1-7): A01C1/06 C12N1/20 C12N15/00
CPC: A01H17/00 A01N25/00 C12N1/20 G01N33/0098 Y02W30/47 A01H5/00 A01N37/46 C05F11/08 A01N63/04 A01C1/00 A01C1/06 G01N33/5097 A01N63/02 A01N63/00
US: 1/1 426/615 426/635 435/252.1 435/254.1 504/100 504/101 504/117 71/11 71/6 71/7 800/298 800/300 800/300.1 800/301 800/312 800/314 800/317.1 800/317.4 800/320 800/320.1 800/320.2 800/320.3



Family:

Publication number	Publication date	Application number	Application date
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AR101166 AA	20161130	AR2015P102060	20150626
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Priority:

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Probable Assignee: INDIGO INC AG

Assignee(s): (std): INDIGO AGRICULTURE INC ; SAMAYOA PHILLIP ; INDIGO INC AG ; AIT AUSTRIAN INST OF TECH GMBH ; AIT AUSTRIAN INST TECHNOLOGY ; AUSTRIAN INST OF TECHNOLOGY GMBH ; SYMBIOTA INC ; SYMBIOTA LLC ; VON MALTZAHN GEOFFREY

Assignee(s): SYMBIOTA HOLDINGS INC ; ZHANG XUECHENG ; WEISMAN DAVID R ; TOLEDO GERARDO V ; DJONOVIC SLAVICA ; FLAVELL RICHARD ; AMBROSE KAREN ; AMBROSE KAREN V ; AIT AUSTRIAN INST OF TECHNOLOGY GMBH ; MITTER BIRGIT ; PFAFFENBICHLER NIKOLAUS ; SESSITSCH ANGELA ; REICHENBERGER GUENTHER ; PASTAR MILICA ; LEFF JONATHAN W ; JACK ALLISON ; PHILLIP SAMAYOA ; NAVEED MUHAMMAD ; LIVA STEPHANIE M ; INDIGO AGRIKALCHE INK ; INDIGO INK AG ; FLAVELL RICHARD BAILEY ; GEOFFREY VON MALTZAHN ; COMPANT STEPHANE ; BERNINGER TERESA ; BILLINGS NATHAN A ; GULICK TRUDI A ; MARQUEZ LUIS MIGUEL ; LYFORD JEFFREY ; SADOWSKI CRAIG ; NAYDICH ALEXANDER ; MILLET YVES ALAIN ; JOHNSTON DAVID MORRIS

Inventor(s): (std): AMBROSE KAREN ; AMBROSE KAREN V ; BERNINGER TERESA ; COMPANT STEPHANE ; CRAIG SADOWSKI ; DAVID MORRIS JOHNSTON ; DJONOVIC SLAVICA ; FLAVELL RICHARD ; FLAVELL RICHARD BAILEY ; FLAVELL RIHARD BAILEY ; GEOFFREY VON MALTZAHN ; GERARDO V TOLEDO ; JACK ALLISON ; ALEXANDER NAYDICH ; JEFFREY LYFORD ; JOHNSTON DAVID MORRIS ; JONATHAN W LEFF ; LEFF JONATHAN W ; LEFT JONATHAN W ; LUIS MIGUEL MARQUEZ ; LYFORD JEFFREY ; MALTZAHN GEOFFREY VON ; MILLET YVES ALAIN ; MITTER BIRGIT ; NAVEED MUHAMMAD ; NAYDICH ALEXANDER ; PASTAR MILICA ; PFAFFENBICHLER NIKOLAUS ; PHILLIP SAMAYOA ; REICHENBERGER GUENTHER ;

MARQUEZ LUIS MIGUEL ; RICHARD BAILEY FLAVELL ; RICHARD FLAVELL ; SADOWSKI CRAIG ; SAMAYOA PHILIP ; SESSITSCH ANGELA ; TOLEDO GERARDO V ; YVES ALAIN MILLET ; ZHANG XUECHENG ; XUECHENG ZHANG ; WEISMAN DAVID R ; TRUDI A GULICK ; TOLEDO GERARDO ; STEPHANIE M LIVA ; SAMAYOA PHILLIP ; SLAVICA DJONOVIC ; VON MALTZAHN GEOFFREY ; NIKOLAUS PFAFFENBICHLER ; NATHAN A BILLINGS ; MILLET YVES ; MILICA PASTAR ; MARQUEZ LUIS ; LIVA STEPHANIE M ; KAREN V AMBROSE ; KAREN AMBROSE ; JOHNSTON DAVID ; GULICK TRUDI A ; GUENTHER REICHENBERGER ; DAVID R WEISMAN ; LEFF JONATHAN ; BIRGIT MITTER ; BILLINGS NATHAN A ; ANGELA SESSITSCH

Inventor(s): AMBROUZ KAREN V ; ALEXANDER ; BILLINGS NATAN A ; LEFF DZHONATAN V ; LAJFORD DZHEFFRI ; DAVID MORRIS ; CRAIG ; CHZHAN SYUECHEN ; GERARDO V ; GEOFFREY ; FON MALTZAN DZHOFFRI ; FLAVELL RICHARD BEJLI ; FLAVELL ; DZHONSTON DEVID MORRIS ; DZHONOVICH SLAVITSA ; DJONOVIC ; GULIK TRUDI A ; LIVA STEFANI M ; MARKEZ LUIS MIGEL ; MILLET IV ALEN ; YVES ALAIN ; TOLEDO ; SAMAJOA FILLIP ; SADOVSKI KREJG ; TOLEDO ZHERARDO V ; VAJSMAN DAVID R ; VON MALTZAHN ; SLAVICA ; SADOWSKI ; MILLET ; RICHARD ; NAYDICH ; MARQUEZ ; LYFORD ; LUIS MIGUEL ; JOHNSTON ; ALLISON JACK ; JEFFREY

Agent(s): PIZZEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; GOWLING LAFLEUR HENDERSON LLP; GOWLING WLG CANADA LLP; BRASNETT ADRIAN HUGH; WALTON SEAN MALCOLM; REINHOLD COHN AND PARTNERS; GOULING VLG INTERNESHNL INK KANADA G MOSKVA UGRYUMOV VLADISLAV MIKHAJLOVICH; FENWICK AND WEST LLP; GOODWIN PROCTER LLP; MCCORMICK GRAHAM MONICA ET AL; SHUSTER MICHAEL J ET AL; HUBL SUSAN T ET AL; HUBL SUSAN T

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

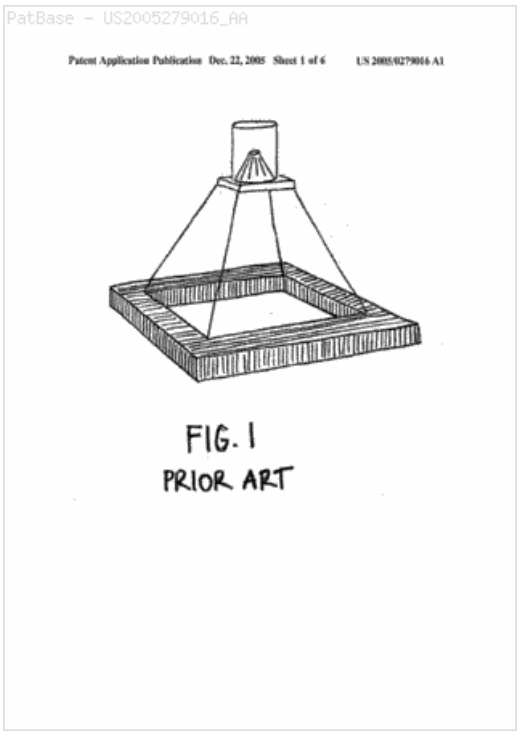
313) Family number: 32506696 (US2005279016A)

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Title: FLOATING AQUATIC EMERGENCE TRAP

Abstract: The present invention is an insect emergence trap that is substantially pyramidal shaped. The trap of the invention is adapted to withstand wet outdoor conditions by being more durable while also being relatively simple to assemble and cost effective.

Classifications:
International (IPC 8-9): A01M1/10 A01M1/14 (Advanced/Invention); A01M1/00 (Core/Invention)
International (IPC 1-7): A01M1/10
CPC: A01M1/10 A01M1/106 A01M1/14 A01M2200/012
European: A01M1/10 A01M1/10F A01M1/14 K01M200/012 K01M201/02
US: 43/107 43/122



Family:

Publication number	Publication date	Application number	Application date
US2005279016 AA	20051222	US20040869651	20040616

Priority:
US20040869651 20040616

Probable Assignee: OF DELAWARE UNIV
Assignee(s): (std): GINGRICH JOHN B ; WILLIAMS GREGORY M
Assignee(s): OF DELAWARE UNIV
Inventor(s): (std): GINGRICH JOHN B ; WILLIAMS GREGORY M
Agent(s): MCCARTER AND ENGLISH LLP, CITIZEN BANK CENTER

314) Family number: 12083697 (US5438792A)

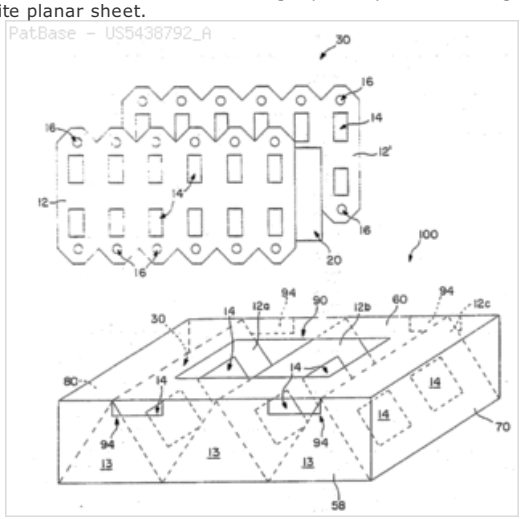
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Title: Insect traps

Abstract: According to the present invention, an insect trap is provided which comprises: (1) a generally rectangular shaped enclosure provided with a plurality of openings therethrough, and (2) a plurality of inner partition walls positioned within the

enclosure to provide a plurality of generally triangular passageways within the enclosure, the inner partition walls comprising a folded composite planar sheet having an upper and lower sheet member housing an adhesive sheet, the upper and lower sheet members having a plurality of openings therein to permit an insect passing thereon to contact an adhesive surface of the adhesive sheet and the adhesive sheet member and the upper and lower sheet members having a plurality of connecting apertures therethrough to permit insects to pass through the composite planar sheet.

Classifications:
International (IPC 8-9): A01M1/14 (Advanced/Invention)
International (IPC 1-7): A01M1/14
CPC: A01M1/14
European: A01M1/14
US: 43/114 43/121 431/140



Family:

Publication number	Publication date	Application number	Application date
US5438792 A	19950808	US19940186295	19940125
WO9519704 A1	19950727	WO1995US01024	19950124

Priority:

US19940186295 19940125

Probable Assignee: BLACKMAN ROBERT

Assignee(s): (std): BLACKMAN ROBERT

Inventor(s): (std): BLACKMAN ROBERT ; MONETT EDWARD

Designated states: AT BE CA CH CN DE DK ES FR GB GR IE IT JP LU MC NL PT SE

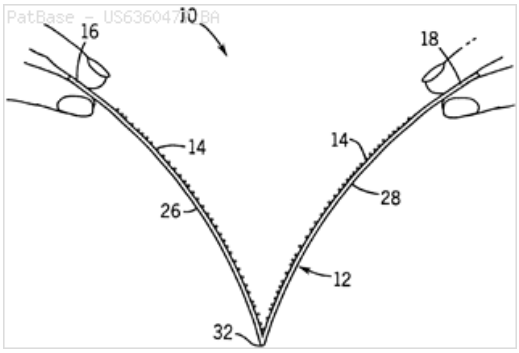
315) Family number: 16054699 (US6360477B)

© PatBase

Title: Insect control pouch

Abstract: Disclosed herein is an article (such as an insect control pouch) to dispense a volatile active (such as an insect control agent). The pouch is formed from a single layer polymeric non-absorbing film. The pouch traps the active until use of the pouch is desired. When the pouch is opened the walls of the pouch serve as a substrate from which the active can readily passively evaporate. Methods of forming such pouches using heat sealing techniques, and methods of using such pouches, are also disclosed.

Classifications:
International (IPC 8-9): A01M1/20 A01N25/00 A01N25/18 A01N53/02 A01N53/06 A01N57/04 A61L9/00 A61L9/12 B65D75/20 B65D75/56 B65D75/62 B65D85/00 (Advanced/Invention);
A01M1/20 (Advanced/Non-invention);
A01M1/20 A01N25/18 A01N53/00 A01N57/00 A61L9/12 B65D75/04 B65D75/52 B65D85/00 (Core/Invention)
International (IPC 1-7): A01M1/20 A01N25/00 A01N25/18 A01N53/02 A01N53/06 A01N57/04 A01N65/00 A61L9/00 A61L9/12 B65D5/00 B65D75/20 B65D75/56 B65D75/62 B65D85/00
CPC: A01M1/2044 A01M1/2055 A01M2200/012 A61L9/12
European: A01M1/20A A01M1/20C2L A01M1/20C2S A61L9/12 K01M200/012 K01M201/02
US: 223/86 43/107 43/131 431/310



Family:

Publication number	Publication date	Application number	Application date
AR029836 AA	20030716	AR2001P103409	20010717
AT327671 E	20060615	AT20010918518T	20010309
AU2001245586 AA	20020205	AU20010245586	20010309
AU2001245586 BB	20041118	AU20010245586	20010309
AU200145586 A1	20020205	AU20010045586	20010309
AU200145586 A5	20020205	AU20010045586	20010309
BRPI0112605 A	20030610	BR2001PI12605	20010309
CN1178576 C	20041208	CN20018014373	20010309
CN1447648 A	20031008	CN20018014373	20010309
DE60120170 D1	20060706	DE20016020170	20010309
DE60120170 D1	20060706	DE20016020170T	20010309
DE60120170 T2	20070329	DE20016020170T	20010309
EP1301070 A1	20030416	EP20010918518	20010309
EP1301070 B1	20060531	EP20010918518	20010309
ES2262636 T3	20061201	ES20010918518T	20010309
JP2004504041 T2	20040212	JP20020513267T	20010309
JP3813124 B2	20060823	JP20020513267T	20010309

KR100655688 B1	20061211	KR20037000877	20010309
KR20030027939 A	20030407	KR20037000877	20010309
MXPA03000618 A1	20030514	MX2003PA00618	20010309
NZ523706 A	20040625	NZ20010523706	20010309
PL359385 A1	20040823	PL20010359385	20010309
RU2003104834 A	20041227	RU20030104834	20010309
TH49504 A	20020221	TH20011002848	20010718
US6360477 BA	20020326	US20000619118	20000719
WO0207512 A1	20020131	WO2001US07675	20010309
ZA200300710 A	20040225	ZA20030000710	20030127

Priority:

US20000619118 20000719 WO2001US07675 20010309

Probable Assignee: S C JOHNSON AND SON INC

Assignee(s): (std): FLASHINSKI STANLEY J ; FRICKE BRUNO W ; JOHNSON AND SON INC S C ; LAWSON DANIEL L ; S C JOHNSON ; POHLMANN EDGAR ; MUNAGAVALASA MURTHY S ; PARSONS WILLIAM G ; S C JOHSON AND SON INC ; S C JOHNSON AND SON INC ; SKALITZKY MICHAEL J

Assignee(s): SC JOHSON AND SON INC ; SCJOHNSON AND SON INC ; SC JOHNSON AND SON INC

Inventor(s): (std): FLASHINSKI S J ; FLASHINSKI STANLEY J ; FRICKE B W ; FRICKE BRUNO W ; LAWSON DANIEL L ; MUNAGAVALASA MURTHY S ; PARSONS WILLIAM G ; POHLMANN E ; POHLMANN EDGAR ; SKALITZKY MICHAEL J ; WILLIAM G PARSONS ; STANLEY J FLASHINSKI ; SKALITZKY J ; SJ FLASHINSKI ; PARSONS G ; MURTHY S MUNAGAVALASA ; MUNAGAVALASA S ; MICHAEL J SKALITZKY ; LAWSON L ; FRICKE W ; FLASHINSKI J ; EDGAR POHLMANN ; E POHLMANN ; DANIEL L LAWSON ; BW FRICKE ; BRUNO W FRICKE

Inventor(s): S J FLASHINSKI ; B W FRICKE

Agent(s): SPRUSON AND FERGUSON

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 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

316) Family number: 34671700 (ES1054425Y)

© PatBase

Title: RECIPIENTE PARA LA CAPTURA DE INSECTOS NOCIVOS PARA LA FRUTA

Abstract: Source: ES1054425U [ES] 1. Recipiente para la captura de insectos nocivos para la fruta, como por ejemplo para atrapar y matar la mosca de la fruta, caracterizado porque consiste en una bolsa de plastico transparente, dotada de medios de cierre a nivel de su embocadura y dotada a nivel medio de su superficie de al menos una pareja de orificios de diametro acorde para permitir el acceso al interior de dicha bolsa de los insectos de que se trate, incorporando por debajo de dichos orificios una marca grafica indicativa del nivel maximo que puede alcanzar en el interior de la bolsa la solucion insecticida prevista para atraer y matar los insectos.

Machine translation: 1. Container for catching insects harmful to the fruit, such as, for example, to Trap and kill the fruit fly, characterized in that it consists of a transparent plastic bag, provided with closure means at the level of its mouth and provided at the level of its surface at least one pair of holes of diameter according to allow access to the interior of the bag of the insects in question, incorporating below said holes a graph indicative of the level maximum that can reach into the interior of the bag the insecticidal solution intended to attract and kill insects.

Classifications:
International (IPC 8-9): A01M1/20 (Advanced/Invention); A01M1/20 (Core/Invention)
International (IPC 1-7): A01M1/20

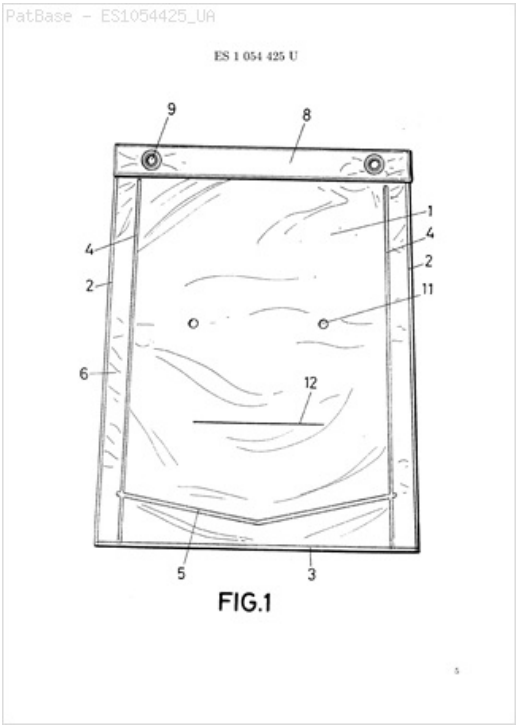


FIG.1

Family:

Publication number	Publication date	Application number	Application date
ES1054425 UA	20030716	ES20030000780U	20030327
ES1054425 Y1	20031101	ES20030000780U	20030327

Priority:

ES20030000780U 20030327

Probable Assignee: MANUFACTURAS VICEDO SL

Assignee(s): (std)**:** MANUFACTURAS VICEDO S L ; MANUFACTURAS VICEDO SL

Inventor(s): (std)**:** VICEDO VICEDO JUAN

317) Family number: 44977704 (WO11104396A1)

© PatBase

Title: IMPROVED INSECT TRAP

Abstract: Trap for insects that fly very little or that do not fly, placed on the ground and allowing the entry of insects making their way towards the inside thereof, which basically comprises a frustoconical surface (1) with an open upper end that has a closure part (5) that may comprise means for accommodating an attractant, and which furthermore comprises a smooth-walled funnel (4) that runs towards the inside of the trap, where there is a receptacle (2) located by engagement means (3) constituted, for example, by tabs that, by means of snap-fastening, engage on the edge of said receptacle (2), or, alternatively, by means of any other engagement system, it being possible for said receptacle (2) to contain water, attractants, harmful agents for insects, etc., such that insects entering the trap fall towards the inside of said receptacle (2) and have no possibility of escape.

Classifications:

International (IPC 8-9)**:** A01M1/02 A01M1/10 (Advanced/Invention)

CPC: A01M1/103 A01M2200/011

European: A01M1/10C K01M200/011

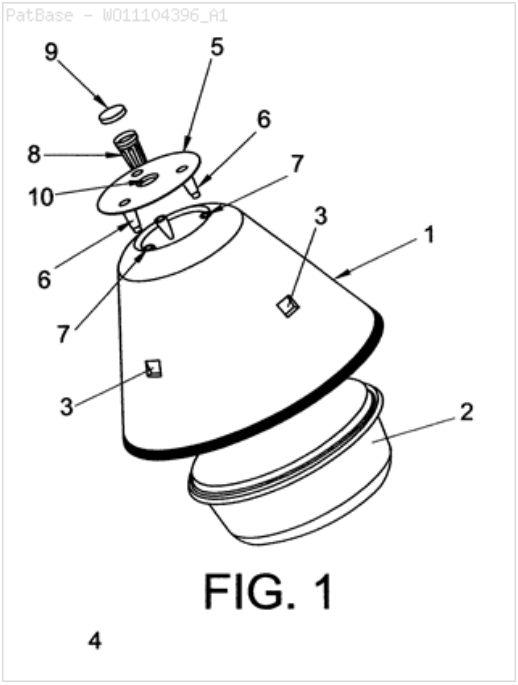


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
ES1072043 UA	20100511	ES20100000201U	20100225
ES1072043 Y1	20100805	ES20100000201U	20100225
WO11104396 A1	20110901	WO2011ES00040	20110222

Priority:

ES20100000201 20100225 ES20100000201U 20100225

Probable Assignee: SANCHO SANCHEZ JOSE

Assignee(s): (std)**:** SANCHO PEREZ JOSE VICENTE ; SANCHO SANCHEZ JOSE

Inventor(s): (std)**:** SANCHO PEREZ JOSE VICENTE ; SANCHO SANCHEZ JOSE

Agent(s): CAMACHO PINA PIEDAD

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 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 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 PE PG PH PL PT RO RS RU 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

318) Family number: 70645704 (WO18140479A1)

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Title: COMPOSITIONS AND RELATED METHODS FOR AGRICULTURE

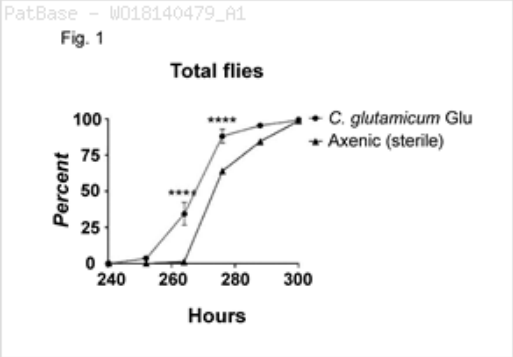
Abstract: Provided herein are agents, compositions, and methods for agricultural use, e.g., for altering the level, activity, or metabolism of one or more microorganisms resident in a host nematode or arthropod (e.g., honeybee or silkworm), the alteration resulting in an increase in the fitness of the host. The invention features a composition that includes an agent (e.g., phage, peptide, small molecule, antibiotic, or combinations thereof) that can alter the host's microbiota in a manner that is beneficial to the host. By promoting favorable microbial levels, microbial activity, microbial metabolism, and/or microbial diversity, the agents described herein may be used to increase the fitness of a variety of beneficial nematodes or arthropods, such as bees and silkworms, utilized in agriculture and commerce.

Classifications:

International (IPC 8-9)**:** A01G31/00 A01N25/26 A01N63/02 A61K35/74 A61K35/744 A61K35/745 A61K35/747 C02F3/32 C12N1/20 (Advanced/Invention)

CPC: A01K53/00 A01K67/033 A01G31/00 A61K35/745 A61K35/74

A61K35/747



Family:

Publication number	Publication date	Application number	Application date
AR110773 AA	20190502	AR2018P100157	20180124
WO18140479 A1	20180802	WO2018US15025	20180124
WO18140479 A8	20180920	WO2018US15025	20180124

Priority:

US20170450017P 20170124 US20170583736P 20171109

Probable Assignee: FLAGSHIP PIONEERING INC

Assignee(s): (std)**:** FLAGSHIP PIONEERING INC

Inventor(s): (std)**:** MARTINE IGNACIO ; ARMEN ZACHARY GARO ; FRIEDLANDER JONATHAN ; CEZAR CHRISTINE ; MARTIN BARRY ANDREW ; AVENDAO AMADO MAIER STEVE ; MARTINEZ IGNACIO ; AVENDANO AMADO MAIER ; ARMEN ZACHARY ; MARTIN BARRY

Inventor(s): AVENDANO AMADO MAIER STEVE

Agent(s): ELBING KAREN L 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

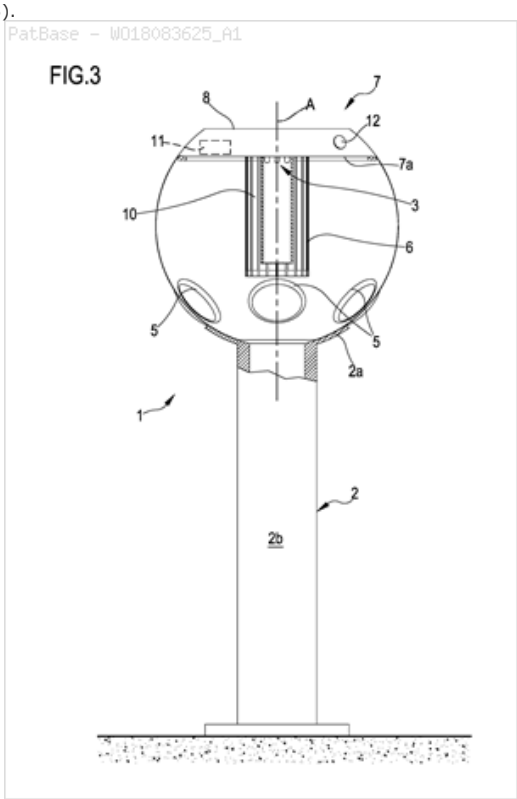
319) Family number: 69679709 (WO18083625A1)

© PatBase

Title: LAMP FOR ELIMINATING INSECTS

Abstract: It is provided an outdoor lamp (1) for eliminating insects in environments such as, for example, gardens and/or porches, comprising: a main light source (3) for lighting an environment outside the lamp, a diffusing body (4) disposed around said main light source (3) in order to intercept said light radiation; the diffusing body (4) is semitransparent and substantially evenly diffuses the light along all the surface thereof and exhibits at least one passage opening (5) for enabling insects to enter the body (4) itself. Further, the lamp comprises an electrified element (6) for electrocuting the insects, placed inside said diffusing body (4) and developing around said main light source (3) and electric supply means (7) for supplying energy to said electrified element (6) and to said main light source (3).

Classifications:
International (IPC 8-9): A01M1/04 A01M1/22 (Advanced/Invention)
CPC: A01M1/223 A01M1/04



Family:

Publication number	Publication date	Application number	Application date
WO18083625 A1	20180511	WO2017IB56827	20171102

Priority:

IT201620000110251U 20161102

Probable Assignee: TECNIMED SRL

Assignee(s): (std)**:** TECNIMED SRL

Inventor(s): (std)**:** BELLIFEMINE FRANCESCO

Agent(s): BRASCA MARCO

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

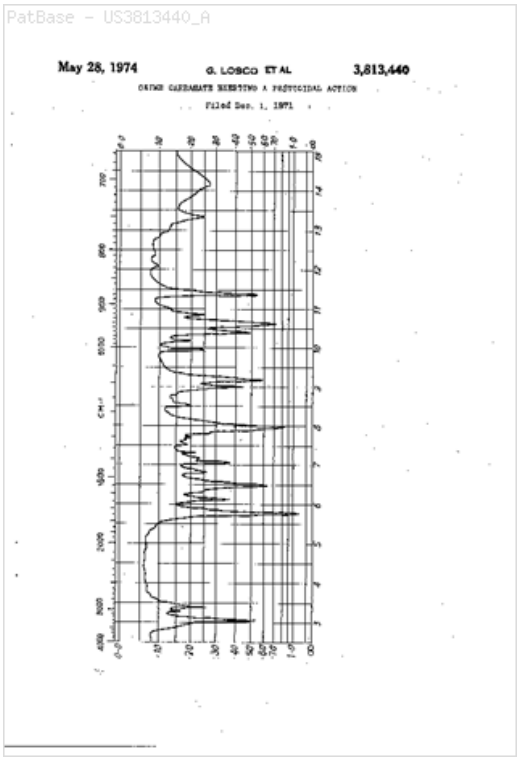
320) Family number: 129711 (US3813440A)

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Title: OXIME CARBAMATE EXERTING A PESTICIDAL ACTION

Abstract: ABSTRACT OF THE DISCLOSURE 5,5-dimethyl - 1,2,3 - cyclohexanetrione-tri-(N-methyl-carbamoyloxime), a new composition of matter, is useful as a pesticide. It is prepared by reacting 1,2,3-cyclohex-anetrione-trioxime with methylisocyanate. Compositions containing this compound in admixture with other pesticides have been found to exert a synergistic pesticidal effect.

Classifications:
International (IPC 8-9): A01N47/24 (Advanced/Invention); A01N47/10 (Core/Invention)
International (IPC 1-7): A01N17/00 A01N47/24 A01N9/00 A01N9/20 C07C119/00 C07C131/00 C07C131/02 C07C131/04 C07C131/06 H01L29/58
CPC: A01N47/24
European: 124BG17C3C2/03 124BG18C2C 45L8J9H A01N47/24
US: 260/56.6AC 564/255 564/267



Family:

Publication number	Publication date	Application number	Application date
BE776240 A	19720605	BE19710776240	19711203
CA962694 A1	19750211	CA19710129310	19711203
CH542821 A	19731015	CH19710017464	19711201
DE2159816 A1	19720608	DE19712159816	19711202
ES397644 A1	19750401	ES19710397644	19711203
FR2114965 A5	19720630	FR19710042802	19711130
GB1338100 A	19731121	GB19710055469	19711130
NL7116384 A	19720606	NL19710016384	19711129
US3813440 A	19740528	US19710203539	19711201

Priority:

IT19700032639 19701204

Probable Assignee: MONTEDISON SPA

Assignee(s): (std)**:** MONTEDISON SPA

Assignee(s): MONTEDISON SPA IT ; MONTECATINI EDISON SPA ; MONTECATINI EDISON S P A ; MONTECATINI EDISON S P A 31 FORO BUONAPARTE MILAN ; MONTECATINI EDISON S P A 31 FORO BUONAPARTE MILAN ITALIE ; REGGIO ANTONINO ; LONGONI ANGELO ; LOSCO GIUSEPPE ; MICHIELI GIANNANTONIO ; MONTECATINI EDISON

Inventor(s): (std)**:** ANGELO LONGONI ; ANTONINO REGGIO ; GIANNANTONIO MICHIELI ; GIUSEPPE LOSCO ; LONGONI A ; LONGONI ANGELO ; LOSCO G ; LOSCO GIUSEPPE ; MICHIELI G ; MICHIELI GIANNANTONIO ; REGGIO A ; REGGIO ANTONINO

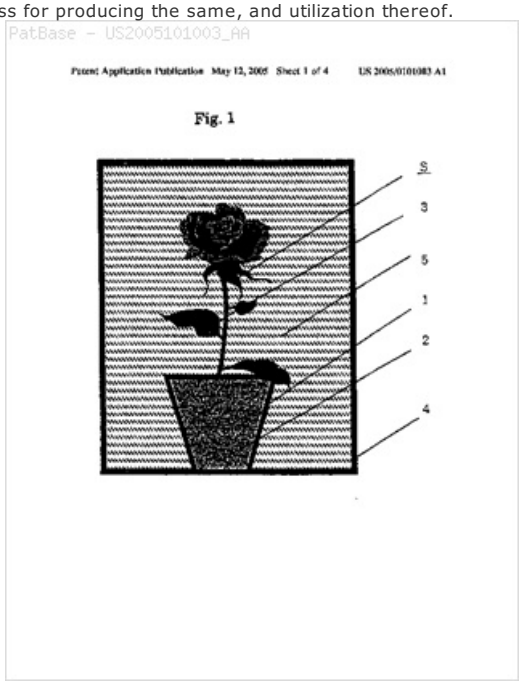
Inventor(s): REGGIO A IT ; MICHIELI G IT ; LOSCO G IT ; A LONGONI ; A REGGIO ; LONGONI A IT ; G LOSCO ; G MICHIELI

321) Family number: 31781714 (US2005101003A)

Title: MICROBE CULTURE CONTAINING MICROGROBES HAVING DIFFERENT CHARACTERS LIVING IN SYMBOSIS WITH EACH OTHER AND METABOLITES THEREFROM, CARRIER AND ABSORBING MATERIAL CONTAINING THE ACTIVE INGREDIENTS OF THE CULTURE AND UTILIZATION THEREOF

Abstract: The present invention relates to microbe cultures, a process for producing the same, and utilization thereof.

Classifications:
International (IPC 8-9): A01G9/00 A01N63/00 A01N63/04 A01N65/00 A01N65/03 A42B3/28 A61L9/00 A61L9/013 B01D39/00 B09C1/10 C02F3/34 C05F11/08 C05F17/00 C05F3/00 C05F9/02 C09K17/32 C12N1/14 C12N1/20 C12N11/10 C12N11/14 C12P39/00 (Advanced/Invention);
A01G9/00 A01N63/00 A01N65/00 A01N65/03 A42B3/04 A61L9/00 B01D39/00 C02F3/34 C05F11/00 C05F9/02 C09K17/14 C12N1/14 C12N1/20 C12N11/00 (Core/Invention)
International (IPC 1-7): A01G9/00 A01N63/00 A01N65/00 A42B3/28 A61L9/00 A63B71/10 B01D39/00 C02F3/34 C05F11/08 C05F9/02 C09K17/32 C12N1/00 C12N1/14 C12N1/20 C12N11/10 C12N11/14
CPC: A42B3/0493 A42B3/066 A42B3/28 Y02E50/343 C12P39/00 A01N63/04 A61L9/013 B09C1/10 C02F3/341 C02F2101/12 C02F2101/20 C02F2101/32 C02F2103/16 C02F2103/20 C02F2103/40 C05F3/00 C05F11/08 C05F17/0036 C05F17/0045 C12N1/14 Y02W30/43 A01N65/03 A01N65/00 Y02P20/145 Y02P60/22 Y02W10/37 Y02W30/47 Y02A40/205
European: A01N63/04 A01N65/00 A01N65/03 A42B3/04C A42B3/06D A42B3/28 A61L9/013 B09C1/10 C02F3/34A C05F11/08 C05F17/00H C05F17/00K C05F3/00 C12N1/14 C12P39/00 M02F101/12 M02F101/20 M02F101/32 M02F103/16 M02F103/20 M02F103/40
US: 2/425 435/243 435/243P 435/252.1 435/262 435/262.5
Locarno class: 24/25



Family:

Publication number	Publication date	Application number	Application date
AU199936285 A1	19991123	AU19990036285	19990506
AU2004200600 AA	20040318	AU20040200600	20040216
AU771630 B2	20040401	AU19990036285	19990506
CA2331214 AA	20001102	CA19992331214	19990507
CA2331966 AA	20001106	CA19992331966	19990506
CN1107468 C	20030507	CN19998005927	19990507
CN1300194 A	20010620	CN19998005927	19990507
CN1300318 A	20010620	CN19998005857	19990506
EP1077252 A1	20010221	EP19990918307	19990506
EP1102553 A1	20010530	EP19990915989	19990507
HK1036566 A1	20040227	HK20010107401	20011024
IT1300021 B1	20000404	IT1998BO00297	19980508
ITBO980297 A0	19980508	IT1998BO00297	19980508
ITBO980297 A1	19991108	IT1998BO00297	19980508
JP1999057243 A1	20021105	JP20000547199T	19990506
JP2002514692 T2	20020521	JP20000547873T	19990507
US2005101003 AA	20050512	US20030601668	20030624
US6305030 BA	20011023	US20000674846	20001107
US6649397 BA	20031118	US20010673655	20010105
WO9957243 A1	19991111	WO1999JP02346	19990506
WO9958009 A1	19991118	WO1999IB00824	19990507

Priority:

JP19980159799	19980506	IT1998BO00297	19980508	JP19980187993	19980601
JP19980194906	19980608	JP19980237920	19980721	JP19980244323	19980728
JP19980244324	19980728	JP19980250301	19980801	JP19980279282	19980825
JP19980294400	19980909	JP19980316764	19981005	JP19990033348	19990104
JP19990105704	19990309	JP19990156926	19990426	AU19990036285	19990506
WO1999JP02346	19990506	WO1999IB00824	19990507	US20010673655	20010105
US20030601668	20030624	AU20040200600	20040216		

Probable Assignee: ORIENT GREEN CO LTD

Assignee(s): (std): BRICO SRL ; BRIGNONE ALBERTO ; NAKAMURA KEIJIRO ; ORIENT GREEN CO LTD

Assignee(s): ORIENT GREEN CO ; BRICO S R L ; KEIJIRO NAKAMURA ; BRICO SRL VIA CESARE BATTISTI

Inventor(s): (std): BRIGNONE ALBERTO ; KEIJIRO NAKAMURA ; NAKAMURA KEIJIRO

Inventor(s): ALBERTO BRIGNONE

Agent(s): GRIFFITH HACK; SHAPIRO COHEN; AVENTUM IP LAW LLP; KIRBY EADES GALE BAKER; TSURUTA JUNICHI; NISHIYAMA MASAYA; HIGUCHI SOTOJI; ISHIDA TAKASHI; ARENT FOX KINTNER PLOTKIN AND KAHN

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK 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 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 UA UG US UZ VN YU ZW

322) Family number: 24049715 (US4015366A)

Title: HIGHLY AUTOMATED AGRICULTURAL PRODUCTION SYSTEM

Abstract: The present invention provides a highly automated agricultural production system which comprises, as essential components: 1. A sensing subsystem comprising direct and indirect sensing means in an agricultural production area. The direct sensing means are generally ground or plant mounted. The indirect sensing means are remote from the area being sensed. The direct and indirect sensing means are adapted to jointly generate data on all important parameters in the homogeneous agricultural production area; 2. A data transmitting subsystem for forwarding data generated by the direct and indirect sensing means to computing means and for transmitting instructions from the computing means via interfacing means (controllers) to various devices (field effectors) in the agricultural area to perform various functions; 3. A computing subsystem linked by way of said data transmitting subsystem to said indirect and direct sensing means in a pattern of many feedback loops. The computing means is programmed to enable correlation of data received from the indirect and direct sensing means and to generate appropriate instructions to accomplish a substantive number of functions required for the operation of the automated agricultural production system of the present invention as will be later described in detail, including, but not limited to, the control of the following subsystems. 4. A fluid delivery subsystem which provides: Means for delivering water, chemicals in liquid or gaseous form, air, and the like to various parts of the agricultural production area; and Means for providing power to various peripheral devices which utilize the power of moving liquid and/or gases-for example, a water powered (hydromotor) platform. 5. A field operations subsystem which, in a highly preferred embodiment, comprises means to harvest agricultural products, convey the agricultural products, grade the agricultural products, store the agricultural products, and pack the agricultural products. In addition to the above means which are essentially concerned with presenting the agricultural products in a form amenable for marketing, additionally means are provided for plant care, e.g., pruning, thinning and the like. A field operations subsystem which accomplishes the functions of fruit harvesting, fruit conveying, fruit grading and fruit storage which, in a most preferred embodiment of the present invention, accomplishes the above functions utilizing fluid received from the fluid delivery subsystem of the present invention. It is also highly preferred that such fluid powered means be utilized in the agricultural system of the present invention for tree care, e.g., pruning of trees, thinning of trees and the like. The field operations can be accomplished, if desired, utilizing a vehicle which is powered by fluid, typically water, derived from the fluid delivery subsystem of the present invention by means of a water-to-mechanical torque converter (hereafter often called a hydromotor platform).

Classifications:

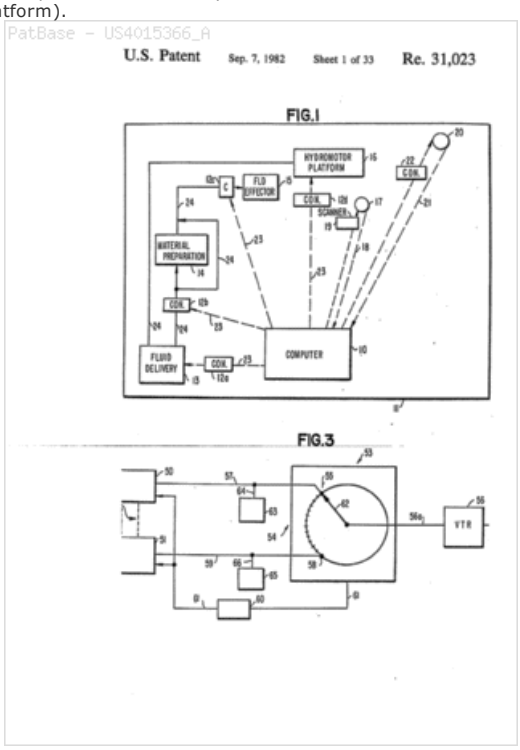
International (IPC 8-9): A01D46/00 A01D46/24 A01G25/16 A01G3/04 A01G7/00 A01M7/00 B07C5/342 (Advanced/Invention); A01D46/00 A01G25/16 A01G3/00 A01G7/00 A01M7/00 B07C5/342 (Core/Invention)

International (IPC 1-7): A01D46/00 A01G13/00 A01G27/00

CPC: Y10S47/06 A01D46/005 Y10T137/1963 Y10T137/402 Y10T137/7287 B07C5/342 A01D46/24 A01G3/04 A01G7/00 A01G25/16 A01M7/0089

European: A01D46/00B A01D46/24 A01G25/16 A01G3/04 A01G7/00 A01M7/00G B07C5/342

US: 137/236.1 137/386 137/79 138/111 180/305 193/25E 198/570 209/173 239/210 239/69 239/727 239/745 348/143 382/100 382/110 405/37 47/1.43 47/1R 47/2 47/DIG.6 56/237 56/328.1 700/14 700/283 700/30 700/67 700/90 702/2



Family:

Publication number	Publication date	Application number	Application date
US4015366 A	19770405	US19750567322	19750411
USRE31023 E	19820907	US19790016845	19790302

Priority:

US19750567322 19750411 US19790016845 19790302

Probable Assignee: ADVANCED DECISION HANDLING INC

Assignee(s): (std): ADVANCED DECISION HANDLING INC

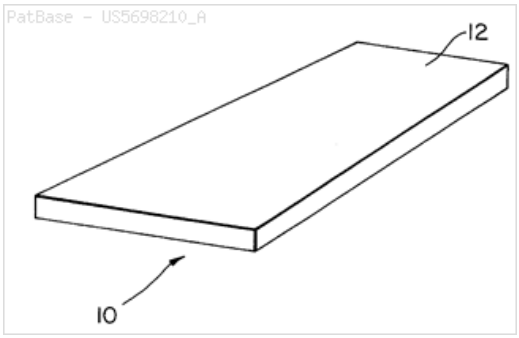
Inventor(s): (std): HALL III ARTHUR D

323) Family number: 27297717 (US5698210A)

Title: CONTROLLED DELIVERY COMPOSITIONS AND PROCESSES FOR TREATING ORGANISMS IN A COLUMN OF WATER OR ON LAND

Abstract: Controlled release compositions of matter are disclosed comprising complexes for treating a population of one or more aquatic organisms in a column of water. The complexes comprise at least one system wherein the system comprises at least one bioactive agent as a component selected for treating a population of aquatic organisms, at least one carrier component, and at least one coating component for regulating the controlled release rate and release profile of the bioactive agent in water or at least one bioactive agent and one joint-function component that can serve as both a carrier and coating to regulate the controlled release rate and release profile of the bioactive agent in water, with or without optional binder components and/or additional formulation materials. The components are selected to sink or float so that the complexes will permeate and/or remain in any planar or volumetric segment of a water column for a period of time that is sufficient to effectively treat a population of aquatic organisms. Methods for treating a column of water are also disclosed which comprises delivering the compositions to a column of water or to a dry preflood area (pretreatment) that will develop in a column of water or a flood area. The composition and process can also be used to treat terrestrial organisms.

Classifications:



International (IPC 8-9): A01N25/08 A01N25/10 A01N25/26 A01N25/28 A01N25/34 A01N43/90 A01N49/00 A01N57/14 A01N63/00 (Advanced/Invention);
A01N25/08 (Advanced/Non-invention);
A01N25/08 A01N25/10 A01N25/26 A01N25/34 A01N43/90 A01N49/00 A01N57/00 A01N63/00 (Core/Invention)
International (IPC 1-7): A01N25/08 A01N25/10 A01N25/26 A01N25/28 A01N25/32 A01N25/34
CPC: Y10S206/811 Y10S424/08 Y10S424/09 Y10S424/10 Y10S424/11 Y10S514/918 Y10S514/919 Y10S514/92 A01N49/00 A01N25/10 A01N25/26 A01N25/34 A01N43/90 A01N57/14 A01N63/00 Y10T428/13 Y10T428/1307 Y10T428/1348 Y10T428/1352 Y10T428/139
European: A01N25/10 A01N25/26 A01N25/34 A01N43/90 A01N49/00 A01N57/14 A01N63/00
US: 119/204 119/212 119/230 119/231 119/242 172/737 206/811 222/565 383/1 424/125 424/16.1 424/16.11 424/405 424/406 424/407 424/408 424/409 424/410 424/411 424/417 424/418 424/419 424/420 424/421 424/43 424/438 424/442 424/451 424/46 424/464 424/468 424/477 424/484 424/485 424/486 424/487 424/488 424/489 424/630 424/633 424/76.8 424/78.09 424/84 424/93.1 424/93.461 424/93.489 424/93.5 424/93.6 424/94.1 424/DIG.1 424/DIG.10 424/DIG.11 424/DIG.8 424/DIG.9 426/1 426/61 428/34.1 428/34.3 428/35.6 428/35.7 428/36.9 43/131 43/42.06 504/150 504/156 504/157 504/158 504/161 504/187 504/201 504/232 504/240 504/254 504/309 504/320 504/348 504/351 504/356 504/357 514/102 514/103 514/114 514/143 514/245 514/250 514/345 514/519 514/532 514/546 514/557 514/568 514/574 514/594 514/65 514/723 514/762 514/763 514/764 514/765 514/766 514/78 514/86 514/89 514/918 514/919 514/920 523/122 523/124 523/128 523/129 524/10 524/126 524/17 524/200 524/21 524/306 524/366 524/539 524/9 534/10 534/9

Family:

Publication number	Publication date	Application number	Application date
AT301395 E	20050815	AT19960910449T	19960315
AU199653640 A1	19961008	AU19960053640	19960315
AU689716 B2	19980402	AU19960053640	19960315
CA2215377 AA	19970915	CA19962215377	19960315
CA2215377 C	20090324	CA19962215377	19960315
DE69635045 D1	20050915	DE19966035045	19960315
DE69635045 T2	20060614	DE19966035045T	19960315
DK0814659 T3	20051212	DK19960910449T	19960315
EP0814659 A1	19980107	EP19960910449	19960315
EP0814659 A4	20010314	EP19960910449	19960315
EP0814659 B1	20050810	EP19960910449	19960315
ES2246494 T3	20060216	ES19960910449T	19960315
JP11502229 T2	19990223	JP19960528500T	19960315
MX9707049 A1	19971129	MX19970007049	19960315
PT814659 T	20051130	PT19960910449T	19960315
US5698210 A	19971216	US19950434313	19950502
US5846553 A	19981208	US19970921589	19970902
US5858384 A	19990112	US19970916153	19970821
US5858386 A	19990112	US19970921605	19970902
US5885605 A	19990323	US19970922168	19970902
US5902596 A	19990511	US19970921574	19970929
US6001382 A	19991214	US19960674813	19960703
US6335027 BA	20020101	US19990458045	19991210
US6337078 BA	20020108	US19990458023	19991210
US6346262 BA	20020212	US19990450219	19991129
US6350461 BA	20020226	US19990457897	19991210
US6387386 BA	20020514	US19990457888	19991210
US6391328 BA	20020521	US19990458652	19991210
USRE37890 E	20021022	US19990244141	19990204
WO9628973 A1	19960926	WO1996US03499	19960315

Priority:

US19950406344 19950317 US19950409301 19950324 US19950434313 19950502
WO1996US03499 19960315 US19960674813 19960703 US19970916153 19970821
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US19990457897 19991210 US19990457888 19991210 US19990458045 19991210
US19990458652 19991210 US19990458023 19991210

Probable Assignee: LEE COUNTY MOSQUITO CONTROL DISTRICT

Assignee(s): (std): LEE COUNTY MOSQUITO CONTROL DI ; LEE COUNTY MOSQUITO CONTROL DISRICT ; LEE COUNTY MOSQUITO CONTROL DISTRICT

Assignee(s): LEE COUNTY MOSQUITO CONTROL DISTRICT PO BOX ; LEE COUNTY MOSQUITO CONTROL DISTRICT LEHIGH ; LEVY RICHARD

Inventor(s): (std): LEVY RICHARD ; RICHARD LEVY

Agent(s): GRIFFITH HACK; SMART AND BIGGAR

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

324) Family number: 18118718 (GB143061A)

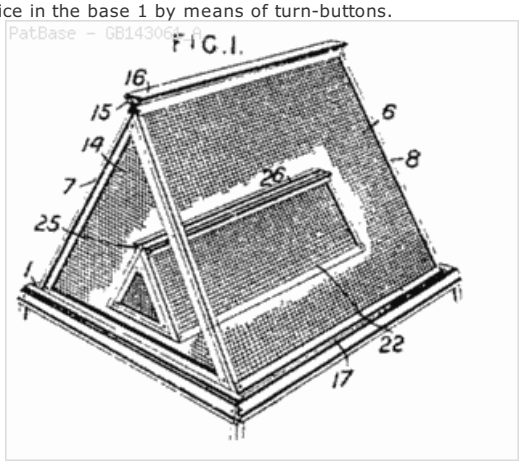
© PatBase

Title: Improvements in knock-down fly-traps

Abstract: 143,061. Curry, C. M. June 4, 1919. Insect traps.-A collapsible fly-trap is built up of sections, the rectangular side sections 6, 7 formed of gauze set in a metal frame, being connected with the triangular end sections 14 by sliding joints 8. The upper flanges 15 are connected by a slide key 16, and the lower flanges 17 are then fixed by bolts to the base 1. The inner structure 22 is built up similarly, but the side sections are prevented from sliding up on the end section by bending over

the apex 25 of the latter, a longitudinal opening 26 being left between the side pieces, by which the flies, attracted by bait placed below, enter the trap. The inner structure is secured in an orifice in the base 1 by means of turn-buttons.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/04 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/00
CPC: A01M1/02 A01M1/04 A01M1/106 A01M2200/012
European: A01M1/02 A01M1/02B A01M1/04 A01M1/10F K01M200/012 K01M201/02



Family:

Publication number	Publication date	Application number	Application date
GB143061 A	19200520	GB19190014202	19190604

Priority:
US19170190002 19170906

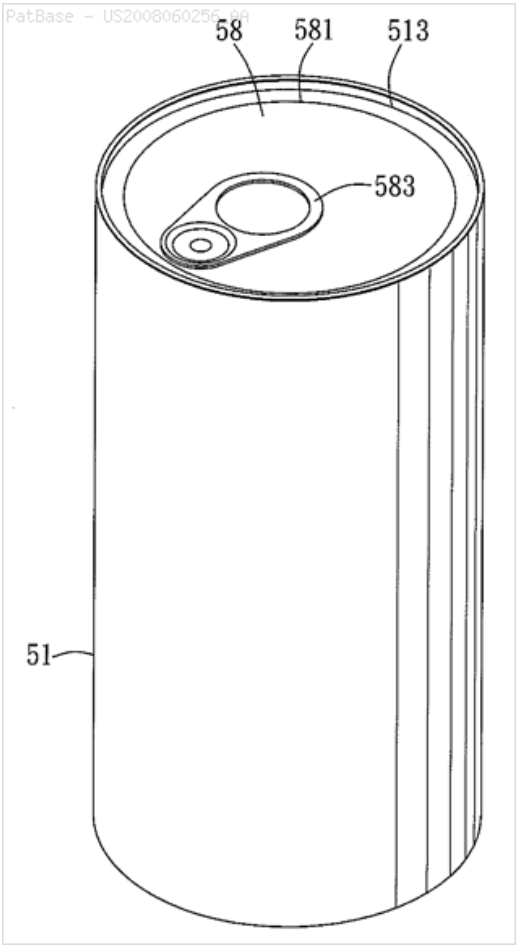
Probable Assignee: CHARLES MEDFORD CURRY
Assignee(s): (std): CHARLES MEDFORD CURRY

325) Family number: 38386721 (US2008060256A)

Title: MOSQUITO TRAP

Abstract: A mosquito trap includes: a container defining an inner space therein and having a top opening in fluid communication with the inner space and adapted for entrance of mosquito therethrough and into the inner space; a perforated plate mounted in the container, dividing the inner space into first and second chambers, and formed with a plurality of apertures in fluid communication with the first and second chambers; and a carbon dioxide generating attractant disposed in the second chamber of the container.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/06 A01M1/10 A01M1/14 A01M1/22 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
CPC: Y02A50/371 A01M1/023 A01M1/106 A01M1/223
European: A01M1/02C A01M1/10F A01M1/22B
US: 43/107 43/112 43/114 43/139



Family:

Publication number	Publication date	Application number	Application date
TWM307965 Y	20070321	TW200602160 40U	20060908

US2008060256 AA	20080313	US20070777330	20070713

Priority:

TW20060216040U 20060908

Probable Assignee: CHU YU LUNG

Assignee(s): (std)**:** CHU YU LUNG ; CHU YUE LONG ; HSU CHIA CHANG ; SHIU JIA JANG

Inventor(s): (std)**:** SHIU JIA JANG ; HSU CHIA CHANG ; CHU YUE LONG ; CHU YU LUNG

Agent(s): WHYTE HIRSCHBOECK DUDEK S C

326) Family number: 41113722 (ES1066231Y)

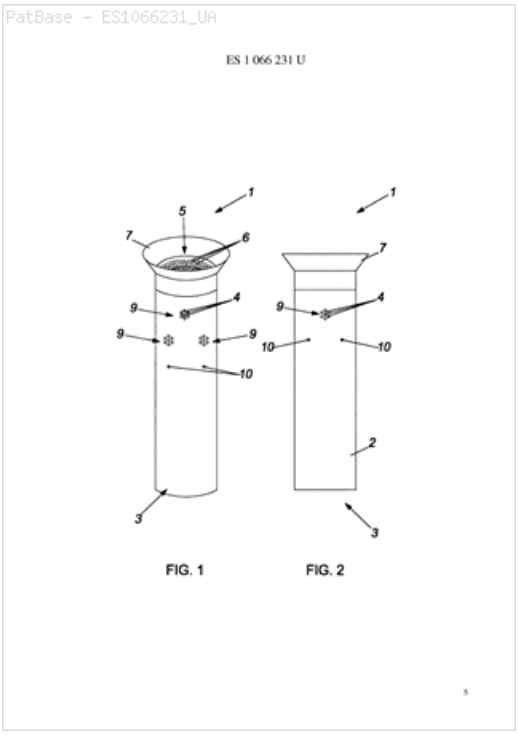
© PatBase

Title: TRAMPA PARA ATRAPAR MOSCAS

Abstract: Source: ES1066231U [ES] 1. Trampa (1) para atrapar moscas, u otros insectos voladores, que comprende un receptaculo (2) traslucido destinado a contener una solucion atrayente, y que implementa unos orificios (4) de entrada de las moscas o insectos; caracterizada porque dichos orificios (4) destinados a la entrada de moscas se disponen en grupos (9) situados por encima de la cota de la solucion atrayente, y tienen unos diametros seleccionados.

Machine translation: 1. Trap (1) for catching flies or other flying insects, comprising a receptacle (2) intended to contain a translucent attractive solution, and implements holes (4) flies input or insects; characterized in that said holes (4) for entry of flies are arranged in groups (9) located above the level of the attractant solution, and have selected diameters.

Classifications:
International (IPC 8-9)**:** A01M1/02 (Advanced/Invention); A01M1/02 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
ES1066231 UA	20080101	ES20070001516U	20070713
ES1066231 Y1	20080401	ES20070001516U	20070713

Priority:

ES20070001516U 20070713

Probable Assignee: OLIVARERA LOS PEDROCHES S C A

Assignee(s): (std)**:** OLIVARERA LOS PEDROCHES S C A

Assignee(s): OLIVARERA LOS PEDROCHES SCA

Inventor(s): (std)**:** CABALLERO JIMENEZ JUAN ANTONIO ; TORMO AGUILAR LUIS PEDRO

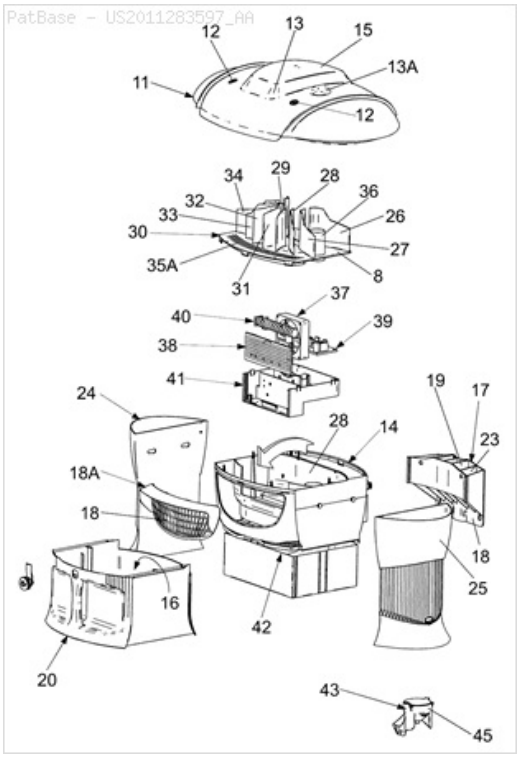
327) Family number: 49957723 (US2011283597A)

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Title: INSECT TRAP

Abstract: The invention resides in an insect trap (**10**) comprising a housing (**14**) which has one or more access apertures (**19**) to permit entry of insects into a hollow interior (**19**B) of the housing (**14**) and a catchment tank (**20**) located below the one or more access apertures (**19**) for trapping of insects characterised in that there is provided an air diffuser (**30**) above one or more access apertures (**19**) and an air blower (**37**) or fan located adjacent to the air diffuser (**30**) for generating circulating air within the housing (**14**). Circulating air is then confined mainly to the housing interior (**19**B) and does not escape through the access apertures (**19**).
Classifications:
International (IPC 8-9)**:** A01M1/04 A01M1/06 A01M1/08 A01M1/10 (Advanced/Invention)
CPC: A01M1/06 A01M1/023 A01M1/08
European: A01M1/02C A01M1/06 A01M1/08
US: 43/107 43/107P 43/112 43/112S 43/113 43/113S 43/114

43/114S 43/139 43/139S



Family:

Publication number	Publication date	Application number	Application date
US2011283597 AA	20111124	US20100784655	20100521
US8402691 BB	20130326	US20100784655	20100521

Priority:

US20100784655 20100521

Probable Assignee: BANTIX WORLDWIDE PTY LTD

Assignee(s): (std)**:** BANTIX WORLDWIDE PTY LTD ; COVENTRY ANDREW

Inventor(s): (std)**:** COVENTRY ANDREW

Agent(s): WILLIAM C; JEFFREY I; THE AUERBACH LAW FIRM LLC; AUERBACH LAW FIRM LLC

328) Family number: 20455723 (US5804208A)

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Title: Granulates containing micro-organisms

Abstract: PCT No. PCT/EP95/04491 Sec. 371 Date May 20, 1997 Sec. 102(e) Date May 20, 1997 PCT Filed Nov. 15, 1995 PCT Pub. No. WO96/16547 PCT Pub. Date Jun. 6, 1996The present invention relates to novel pesticides consisting of granules in which the carrier material is semolina and in which the surface of this carrier material carries microorganisms suitable for controlling pests, their preparation and use for controlling pests.

Classifications:
International (IPC 8-9): A01N25/12 A01N63/00 A01N63/04 (Advanced/Invention);
A01N25/12 (Advanced/Non-invention)
International (IPC 1-7): A01N25/12 A01N25/26 A01N63/00 A01N63/04 A61L2/16 C12N1/14 C12R1/645
CPC: A01N63/00 A01N63/04
European: A01N63/00 A01N63/04
US: 424/405 424/406 424/407 424/410 424/418 424/93.5 435/254.1 504/117

Family:

Publication number	Publication date	Application number	Application date
AT206011 E	20011015	AT19950939283T	19951115
AU199641169 A1	19960619	AU19960041169	19951115
CA2205954 AA	19970523	CA19952205954	19951115
CA2205954 C	20100126	CA19952205954	19951115
DE4442255 A1	19960530	DE19944442255	19941128
DE59509646 D1	20011031	DE19955009646	19951115
DK0794704 T3	20020121	DK19950939283T	19951115
EP0794704 A1	19970917	EP19950939283	19951115
EP0794704 B1	20010926	EP19950939283	19951115
ES2164166 T3	20020216	ES19950939283T	19951115
JP10509964 T2	19980929	JP19960518126T	19951115
US5804208 A	19980908	US19970836883	19970520
WO9616547 A1	19960606	WO1995EP04491	19951115

Priority:

DE19944442255 19941128 DE19955009646 19951115 WO1995EP04491 19951115

Probable Assignee: NOVOZYMES INC

Assignee(s): (std)**:** ANDERSCH WOLFRAM ; BAYER AG ; HAIN RUEDIGER ; KILIAN MICHAEL

Assignee(s): NOVOZYMES A S ; NOVOZYMES INC ; BAYER AG 51373 LEVERKUSEN DE ; BAYER

AKTIENGESELLSCHAFT ; HAIN RUDIGER

Inventor(s): (std): ANDERSCH WOLFRAM ; HAIN RUDIGER ; HAIN RUEDIGER ; KILIAN MICHAEL ; WOLFRAM ANDERSCH ; RUDIGER HAIN ; MICHAEL KILIAN ; KILIAN MICHAEL DR ; HAIN RUEDIGER DR ; ANDERSCH WOLFRAM DR

Agent(s): FETHERSTONHAUGH AND CO

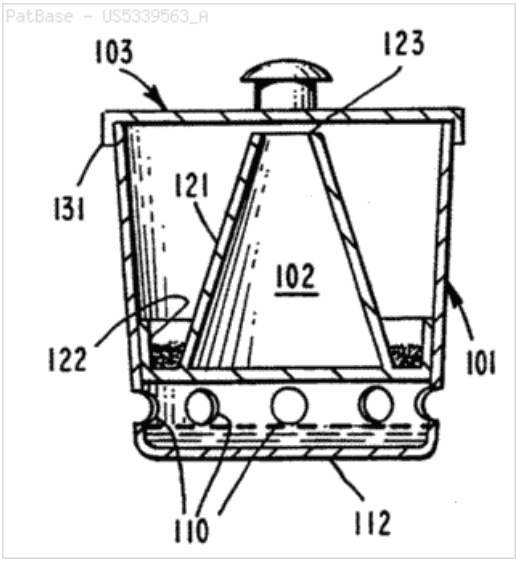
Designated states: AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK ES FI FR GA GB GN GR HU IE IT JP KR KZ LI LK LU MC ML MR MX NE NL NO NZ PL PT RO RU SE SK SN TD TG UA US

329) Family number: 11657726 (US5339563A)

Title: Non-toxic insect capture and killing apparatus

Abstract: An apparatus which may use non-toxic, non-solid attractant and non-toxic, non-solid material to kill attracted insects. A base is formed as a tapered cylinder with a solid bottom. The attractant is poured onto the bottom. Access holes are formed in the sides of the base above the bottom so that the attractant does not leak out. An insert is fabricated of a truncated hollow cone and an apron to form a trough in which diatomaceous earth may be poured and placed inside the base forming an attractant chamber below the insert and an killing chamber above the insert. A cover encloses the insert inside the base. The insect enters the access hole to drink the attractant, flies up the inside of the hollow cone, enters the killing chamber through tile truncated cone top. Upon contact with the diatamesous earth in the trough, the insect is inflicted with cuts, looses bodily fluids and dies.

Classifications:
International (IPC 8-9): A01M1/00 A01M1/02 A01M1/10 A01M1/20 (Advanced/Invention);
A01M1/00 A01M1/02 A01M1/20 (Core/Invention)
International (IPC 1-7): A01M1/02
CPC: A01M1/00 A01M1/02 A01M1/106 A01M1/20 A01M2200/012
European: A01M1/00 A01M1/02 A01M1/02B A01M1/10 A01M1/10F A01M1/20 K01M200/012 K01M201/02
US: 43/107 43/122



Family:

Publication number	Publication date	Application number	Application date
US5339563 A	19940823	US19910643861	19910122

Priority:

US19910643861 19910122

Probable Assignee: JOB FRANK

Assignee(s): (std): JOB FRANK

Inventor(s): (std): JOB FRANK

330) Family number: 31717734 (US2006057724A)

Title: NUCLEOTIDE SEQUENCES AND POLYPEPTIDES ENCODED THEREBY USEFUL FOR MODIFYING PLANT CHARACTERISTICS AND PHENOTYPES

Abstract: Isolated polynucleotides and polypeptides encoded thereby are described, together with the use of those products for making transgenic plants.

Classifications:
International (IPC 8-9): A01H1/00 A01H1/02 A01H1/04 A01H1/06 A01H5/00 A01H5/04 A01H5/10 A01H9/00 A23K1/00 A23K1/14 A23K10/30 A23L1/212 A23L19/00 C07H19/00 C07H21/04 C07K1/00 C07K14/41 C07K14/415 C10L1/10 C12N1/15 C12N1/20 C12N15/00 C12N15/05 C12N15/09 C12N15/10 C12N15/11 C12N15/29 C12N15/63 C12N15/64 C12N15/82 C12N15/87 C12N5/02 C12N5/04 C12N5/10 C12N5/14 C12N9/00 C12N9/88 C12Q1/68 C12Q1/6895 C40B30/04 G01N33/48 G01N33/566 (Advanced/Invention);
C07H21/04 C12N15/29 (Advanced/Non-invention);
A01H1/00 A01H1/02 A01H1/06 A01H5/00 A01H5/10 A23K1/00 A23K1/14 A23L1/212 C07H19/00 C07H21/00 C07K1/00 C07K14/00 C07K14/41 C07K14/415 C10L1/10 C12N1/15 C12N15/00 C12N15/05 C12N15/09 C12N15/10 C12N15/11 C12N15/29 C12N15/63 C12N15/64 C12N15/82 C12N15/87 C12N5/00 C12N5/04 C12N5/10 C12N5/14 C12Q1/68 (Core/Invention);
C12N (Subclass/Invention)
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European: A01H1/04 C07K14/415 C12N15/82C4B C12N15/82C4B10 C12N15/82C8 C12N15/82C8A C12N15/82C8A12 C12N15/82C8B C12N15/82C8B2 C12N15/82C8H
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436/501S 436/94 436/94S 44/300 44/300S 506/5 506/5S 506/7 506/9 506/9S 530/324 530/324S 530/350 530/350S 530/370 530/370S 530/376 530/376S 536/22.1 536/22.100S 536/23.1 536/23.100S 536/23.2 536/23.200S 536/23.6 536/23.600S 536/24.5 536/24.500S 800/260 800/260P 800/260S 800/266 800/266P 800/267 800/275 800/275P 800/278 800/278P 800/278S 800/285 800/285P 800/287 800/287P 800/287S 800/288 800/288P 800/289 800/289P 800/289S 800/290 800/290P 800/290S 800/295 800/295S 800/298 800/298P 800/298S 800/306 800/306S 800/312 800/312P 800/312S 800/313 800/314 800/314S 800/320 800/320.1 800/320.100S 800/320.2 800/320.200S 800/320.3 800/320.300S 800/320S 800/322 800/322S

Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: CERES INC

Assignee(s): (std): FELDMAN KENNETH ; DANG VAN DINH ; CERSE INC ; FELDMANN KEN ; FELDMANN KENNETH ; DANG DAVID VANDINH ; CHRISTENSEN CORY ; DANG DAVID VAN DINH ; FELDMANN KENNETH A ; CHRISTENSEN COREY ; CHRISTENSEN CORY R ; FELDMAN KENNETH A ; PENNELL ROGER ; KWOK SHING ; ZHANG HONGYU ; SERES INC ; MASCIA PETER ; ZHOU FASONG ; SOSA JULISSA ; HUND BONNIE D ; KIM HAN SUK ; NADZAN GREGORY ; SCHNEEBERGER RICHARD ; NADZAN GREG ; PICCOLO KERSTIN ; MAGPANTAY GERARD ; MARGOLLES CLARK EMILIO ; OKAMURO JACK ; WANG WUYI ; ALEXANDROV NICKOLAI ; APUYA NESTOR ; BROVER VYACHESLAV ; CERES INC

Assignee(s): CERES INC SCHNEEBERGER RICHARD MARGOLLES CLARK EMI ; CERESINC

Inventor(s): (std): MARGOLLES CLARK EMILIO ; MASCIA PETER ; NADZAN GREGORY ; BROVER VYACHESLAV ; PICCOLO KERSTIN ; SOSA JULISSA ; KIM HAN SUK ; WANG WUYI ; SCHNEEBERGER RICHARD ; APUYA NESTOR ; OKAMURO JACK ; DANG DAVID VAN DINH ; HUND BONNIE ; FELDMANN KENNETH A ; MAGPANTAY GERARD ; CHRISTENSEN CORY ; ALEXANDROV NICKOLAI ; ZHOU FASONG ; FELDMANN KEN ; OKAMURA JACK ; HUND BONNIE D ; SCHNEBBERGER RICHARD ; SUK KIM HAN ; RICHARD SCHNEEBERGER ; GREGORY NADZAN ; DINH DANG DAVID VAN ; HONGYU FELDMAN KENNETH PENNELL ; KENNETH FELDMAN ; HONGYU ZHANG ; SHING KWOK ; VAN DINH DANG ; ROGER PENNELL ; FELDMANN KENNETH ; FELDMAN KENNETH ; PENNELL ROGER ; KWOK SHING ; DANG VAN DINH ; ZHANG HONGYU ; DANG DINH VAN ; DANG DAVID VANDINH ; NADZAN GREG ; CHRISTENSEN COREY ; GREG NADZAN ; GERARD SCHNEEBERGER RICHARD MA ; MARGOLLES CLARK ; MAGPANTY GERARD ; CHRISTENSEN CORY R ; FILIPINA ; FELDMAN KENNETH A

Inventor(s): CORY R CHRISTENSEN ; NESTOR APUYA ; SCHNEEBERGER RICHARD MARGOLLES CLARK EMILIO ; SCHNEEBERGER RICHARD MARGOLLES CLARK EMILIO MAGPANTAY GERARD ; GERARD MAGPANTAY ; EMILIO MARGOLLES CLARK ; KENNETH A FELDMANN ; FELDMAN KENNETH PENNELL ROGER KWOK SHING DANG... ; FELDMAN KENNETH PENNELL ROGER KWOK SHING DANG VAN ; DAND DAVID VAN DINH ; FELDMAN KENNETH PENNELL ROGER KWOK SHING DANG VAN DINH ZHANG HONGYU

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; KIRBY EADES GALE BAKER; ELSY DAVID; ELSY DAVID ET AL; BIRCH STEWART KOLASCH AND BIRCH; BIRCH STEWART KOLASCH AND BIRCH LLP; DENTONS US LLP; SVENSSON LEONARD R; GORMAN SUSAN W

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 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 ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

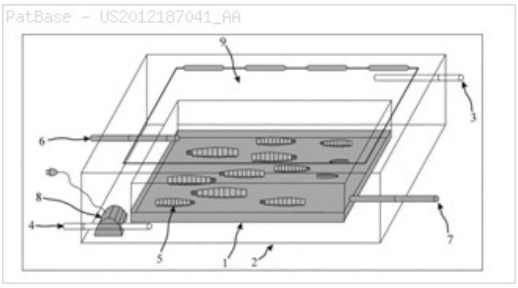
331) Family number: 51569734 (US2012187041A)

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Title: INSECT-BASED REMOVAL OF ORGANIC SOLUTES FROM LIQUID

Abstract: Disclosed herein are methods of removing organic solutes from liquids. The methods include incubating fly larvae with a liquid that contains organic solutes. Also disclosed herein are methods of producing larva biomass. Additionally, apparatus for use with the disclosed methods are described.

Classifications:
International (IPC 8-9): A01K67/00 A01K67/033 C02F1/58 C02F101/30 C02F103/00 C02F11/02 C02F3/32 (Advanced/Invention); C02F101/30 C02F103/00 (Advanced/Non-invention)
CPC: Y02W10/18 C02F3/327 A01K67/033
European: A01K67/033 C02F3/32B
US: 119/6.5 119/6.500S 210/177 210/177S 210/188 210/188S 210/198.1 210/198.100S 210/602 210/85 210/85S



Family:

Publication number	Publication date	Application number	Application date
US2012187041 AA	20120726	US20110010654	20110120
WO12100077 A1	20120726	WO2012US21903	20120119

Priority:

US20110010654 20110120

Probable Assignee: STATE OF OREGON BY AND THROUGH STATE BOARD OF HIGHER EDUCATION ON BEHALF OF PORTLAND STATE UNIV

Assignee(s): (std)**:** GREEN TERRENCE R ; OREGON STATE ; POPA RADU ; UNIV PORTLAND STATE ; STATE OF OREGON BY AND THROUGH THE STATE BOARD OF HIGHER EDUCATION ON BEHALF OF PORTLAND STATE UNIVERS ; STATE OF OREGON BY AND THROUGH STATE BOARD OF HIGHER EDUCATION ON BEHALF OF PORTLAND STATE UNIVERS

Assignee(s): THE STATE OF OREGON BY AND THROUGH THE STATE BOARD OF HIGHER EDUCATION ON BEHALF OF PORTLAND STATE UNIVERSITY ; STATE OF OREGON BY AND THROUGH STATE BOARD OF HIGHER EDUCATION ON BEHALF OF PORTLAND STATE UNIV ; THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUCATION ON BEHALF OF ; STATE OF OREGON ACTING BY AND THROUGH STATE BOARD OF HIGHER EDUCATION ON BEHALF OF ; PORTLAND STATE UNIV ; PORTLAND STATE UNIVERSITY ; STATE OF OREGON BY AND THROUGH STATE BOARD OF HIGH

Inventor(s): (std)**:** GREEN TERRENCE R ; POPA RADU

Agent(s): SCOTT GREGORY K

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 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 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 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

332) Family number: 20688736 (WO9920581A1)

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Title: COMPOSITIONS FOR CULTIVATING SOIL WITH REDUCED FERTILITY

Abstract: The invention concerns a composition in particular for stimulating germination, sprouting and growth in soil with reduced fertility, comprising at least one hydrophilic substance optionally containing a limited amount of water, characterised in that it also comprises at least any one of the following elements alone or in combination: nutrients; soil improving products; parasiticides; hormones stimulating root growth capacity; products adjusting soil salinity; herbicides; growth-regulating products; disease-curing products; odorizing products; fertilisers with slow diffusion; antifrost products; products for activating sap flow; products comprising bacteria for treating water, soil, wastes and/or the like; fire-proof products; the hydrophilic substance being capable of trapping at least one of said products and of reducing their filtering into the soil or evaporating into the air.

Classifications:

International (IPC 8-9): C05F11/00 C05F5/00 C05G3/00 C09K3/32 (Advanced/Invention);
C05F11/00 C05F5/00 C05G3/00 C09K3/32 (Core/Invention)
International (IPC 1-7): A01C1/00 A01C21/00 A01G23/00 A01G31/00 A01G7/00 A01G9/10 A01N25/00 B01J20/00 C05F11/00 C05F5/00 C05G3/00 C09K3/32
CPC: Y02P20/145 C09K3/32 C05F5/002 C05F11/00 C05G3/0052 Y02A40/21
European: C05F11/00 C05F5/00B C05G3/00B6 C09K3/32

Family:

Publication number	Publication date	Application number	Application date
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FR2769855 B1	20010622	FR19970013029	19971017
WO9920581 A1	19990429	WO1998FR02012	19980921

Priority:

FR19970013029 19971017 WO1998FR02012 19980921

Probable Assignee: BARBARY SALAH

Assignee(s): (std)**:** BARBARY SALAH ; SALAH BARBARY

Inventor(s): (std)**:** BARBARY SALAH ; SALAH BARBARY

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HR HU ID IE IL IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 UA UG US UZ VN YU ZW

333) Family number: 47453738 (IN00184MA2000A)

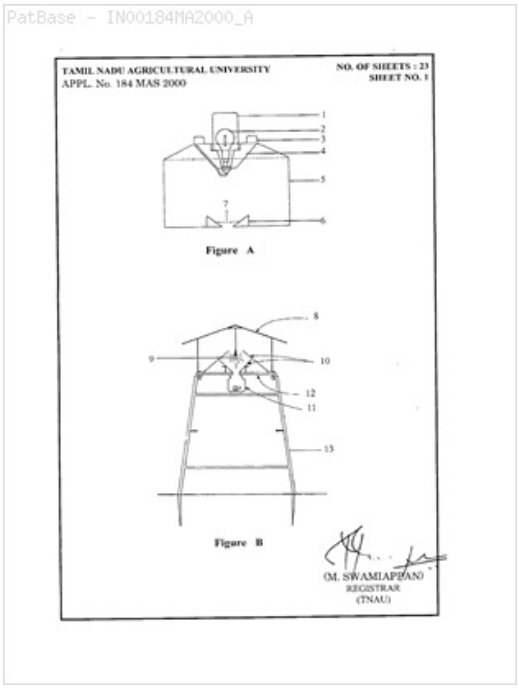
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Title: A MULTI PURPOSE KIT FOR THE MANAGEMENT OF INSECTS OR RODENTS

Abstract: The invention disclosed in this applications relates to a multipurpose kit for the management of insects or rodents which comprises (a) a master frame formed employing plurality of removable transparent/translucent/opaque panels on one axis and plurality of centrally windowed brackets on the other axis, the panels being kept in vertical axis in between disk brackets in horizontal axis, one on top and the other at bottom, the panels bracing against each other in one axis leaving a proximal panel face and a distal panel extension as well as against the disk brackets in the other axis by placing two dish brackets inverted outside the respective disk brackets and then by securing with means thereby forming an omni directionally accessible master chamber, (b) enticing means for insects or rodents, and (c) other accessories.

Classifications:

International (IPC 1-7): A01M1/04 A01M1/18



Family:

Publication number	Publication date	Application number	Application date
IN00184MA2000 A	20050729	IN2000MA00184	20000307
IN201482 B	20070223	IN2000MA00184	20000307

Probable Assignee: REGISTRAR A CITIZEN AND RESIDENT OF INDIA

Assignee(s): REGISTRAR A CITIZEN AND RESIDENT OF INDIA ; TAMILNADU AGRICULTURAL UNIV

Inventor(s): P M M DAVID ; PONNAIAH MANIDURAI MANOHARAN DAVID

334) Family number: 61864738 (DE102014013750A1)

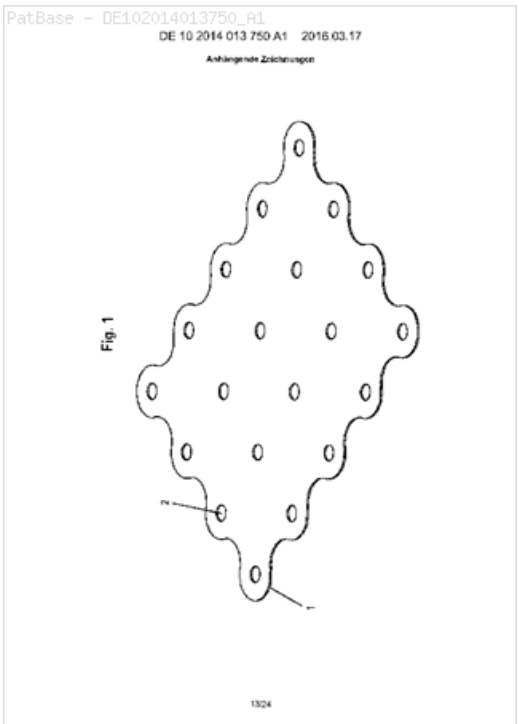
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Title: VERSCHLUSS UND BAUSATZ AUS EINEM GRUNDKOERPER UND IN DEN GRUNDKOERPER EINSETZBAREN TRICHTER ZUR HERSTELLUNG EINES DERARTIGEN VERSCHLUSSES ZUM GLEICHZEITIGEN VERSCHLIESSEN DER IN EINEM GEBINDE ANGEORDNETEN GETRAENKEFLASCHEN CLOSURE AND KIT A Grundkoerper AND IN Grundkoerper usable FUNNEL FOR PRODUCING SUCH A CLOSURE FOR SIMULTANEOUS SEALING IN A PACK ARRANGED GETRAENKEFLASCHEN (Machine translation)

Abstract: Source: DE102014013750A1 [DE] Verschluss zum gleichzeitigen Verschliessen der in einem Gebinde, insbesondere einem Getraenkekasten angeordneten Getraenkeflaschen bei dem ein Grundkoerper mehrere Trichter aufweist.

Machine translation: Closure for the simultaneous sealing of the disposed in a container, in particular a Getraenkekasten Getraenkeflaschen in which a basic body having a plurality of funnel.

Classifications:
International (IPC 8-9): A01M1/10 B65D1/24 B65D85/30 (Advanced/Invention)
CPC: B65D2501/24859 B65D1/246 A01M1/106



Family:

Publication number	Publication date	Application number	Application date
DE102014013750 A1	20160317	DE201410013750	20140922

Priority:

DE201410013323 20140915 DE201410013750 20140922

Probable Assignee: BARTELS LUKAS

Assignee(s): (std)**:** BARTELS LUKAS ; BARTELS RAINER

Inventor(s): (std)**:** BARTELS LUKAS ; BARTELS RAINER

335) Family number: 34255741 (US2007061917A)

© PatBase

Title: METHODS AND COMPOSITIONS FOR THE EXPRESSION OF A POLYNUCLEOTIDE OF INTEREST

Abstract: Methods and compositions for expressing a polynucleotide of interest are provided. Compositions comprise an enhancer domain set forth in SEQ ID NO: 1, 10, 15, or 16 and active variants and fragments thereof. Further provided are DNA constructs comprising at least one transcriptional enhancer sequence comprising the nucleotide sequence set forth in SEQ ID NO:1, 10, 15, or 16 or an active variant or fragment thereof, operably linked to a heterologous promoter. Such chimeric transcription regulatory regions can be operably linked any polynucleotide of interest. Further provided are cells, plants, plant parts, and germplasm comprising the DNA construct. Methods of using the chimeric transcriptional regulatory region are also provided. In specific embodiments, methods of expressing a polynucleotide of interest, including for example, sequences that confer tolerance to herbicides, and methods to select a cell having the DNA construct are provided.

Classifications:

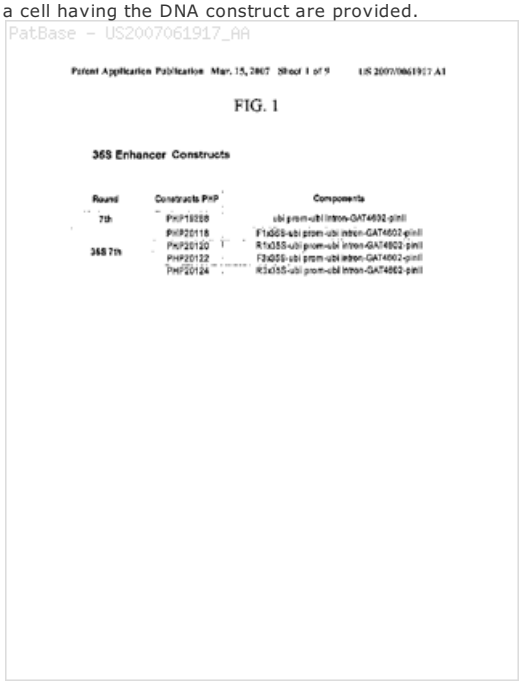
International (IPC 8-9)**:** A01H1/00 A01N57/18 A01H A01H3/00 A01H5/00 A01H5/10 A01N25/00 A01N25/12 A01N25/32 A01N27/00 A01N37/10 A01N41/06 A01N43/40 A01N43/42 A01N43/48 A01N43/50 A01N43/54 A01N43/60 A01N43/64 A01N43/647 A01N43/78 A01N43/90 A01N47/36 A01N47/38 A01N57/20 A01N59/26 A01P13/00 A01P13/02 A01P21/00 A63B69/00 C07H21/04 C07K14/43 C07K14/435 C12N C12N15/09 C12N15/11 C12N15/29 C12N15/82 C12N15/84 C12N15/87 C12N15/89 C12N5/04 C12N5/14 C12P19/34 C12Q C12Q1/02 C12Q1/68 (Advanced/Invention); A63B69/36 A63B71/06 C12N15/09 C12N15/82 (Advanced/Non-invention);
A01H1/00 A01H3/00 A01H5/00 A01N57/00 A01P21/00 C07H21/00 C07K14/43 C07K14/435 C12N15/29 C12N15/82 C12N15/84 C12N5/14 C12Q1/68 (Core/Invention);
A01H A63B C12N C12Q (Subclass/Invention)

International (IPC 1-7)**:** A01H1/00 A01H5/00 C07K14/415 C12N15/29 C12N15/54 C12N15/82 C12N5/14 C12N9/88

CPC: C12N15/8 C12Q1/68 C12Q1/6895 A01H5/10 C12N15/8274 C12N9/1092 C12N9/88 C12N15/8205 C12N15/8209 C12N15/8216 C12N15/8271 C12N15/8275 C12N15/8278 C12N15/8286 H04L5/0073 H04L5/0023 H04L5/0048 H04L5/0057 Y02A40/162

European: A01H5/10 A63B24/00E A63B71/06B C12N15/82A4B C12N15/82A8 C12N15/82B C12N15/82C8B C12N15/82C8B4 C12N15/82C8B4A C12N15/82C8B4C C12N15/82C8B6E C12N9/10E19 C12N9/88 K63B24/00E2C K63B243/00J M12Q1/68M10F

US: 435/320.1 435/419 435/419S 435/468 435/468S 435/6 435/6.11 435/6.12 435/6.120S 435/6.13 435/6.130P 435/6.130S 435/6P 435/91.2 504/103 504/103S 504/111 504/118 504/127 504/127S 504/128 504/130 504/130S 504/139 504/139S 504/144 504/144S 504/187 504/187S 504/198 504/206 504/206S 504/209 504/209S 504/227 504/227S 504/235 504/235S 504/241 504/261 504/261S 536/22.1 536/23.1 536/23.100S 536/24.3 800/266 800/266S 800/267 800/278 800/278P 800/278S 800/300 800/300.1 800/300S 800/312 800/312S 800/320 800/320.1 800/320.100S 800/320.2 800/320.200S 800/320.3 800/320.300S 800/320S



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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US20060507997	20060822	US20060507751	20060822	US20060507866	20060822
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US200608471 54P	20060926	US20070765940	20070620	EP20070799003	20070625
WO2007US72024	20070625	US20080156182	20080530	US20090417323	20090402
US20100715469	20100302	US20110109797	20110517	US20110328408	20111216
US20120658388	20121023	US20130909641	20130604	US20130932179	20130701

Probable Assignee: EI DU PONT DE NEMOURS AND CO

Assignee(s): (std): CASTLE LINDA A ; CHICOINE TIMOTHY K ; CHO HYEON JE ; CLAUS JON S ; CRESSMAN JR ROBERT F ; CRESSMAN ROBERT F ; E I DU PONT DE NEMOURS AND CO ; DU PONT ; E I DU POMT DE NEMOURS AND COM ; E I DU PONT DE NEMOURS AND COMPANY ; GUIDA ANTHONY D JR ; MCCUTCHEN BILLY FRED ; HUTCHISON JAMES M ; HAZEL CHRISTINE B ; GREEN JERRY M ; HEGSTAD JEFFREY M ; LIU DONGLONG ; LU ALBERT L ; HECKERT MATTHEW J ; HONDRED DAVID ; GUIDA ANTHONY D ; HENDERSON NANCY L ; LEYSENS NANCY J ; LI ZHONGSEN ; EIDU PONT DE NEMOURS AND CO ; E L DU PONT DE NEMOURS AND COM ; GUIDA JR ANTHONY D ; OLSON PAUL D ; VOGT MARK D ; PIONEER HI BRED INT ; MEHRE WAYNE J ; SAUNDERS DAVID W ; MOY YORK ; PEEPLES KENNETH A ; WILKINSON JACK Q ; WONG JAMES F H ; WEBER NATALIE N ; ZHONG CATHY XIAOYAN ; XING AIQUI ; PIONNER HI BRED INTERNAT INC ; PIONEER HI BRED INT L INC ; PIONEER HI BRED INT INC ; PIONEER HI BREND INTERNATIONAL INC ; PIONEER HI BRED INTERNATIONAL INC ; XING AIQIU ; PIONNER HI BRED INT INC ; PIONEER HI BREND INT INC

Assignee(s): PIONEER HI BREND INT ; WONG JAMES FH ; PIONEER HI BRED INT INC JOHNSTON ; PIONEER HI BRED INTERNATIONAL INC E I DU PONTDE NEMOURS AND COMPANY ; ZHONG CATHY ZIAOYAN ; PIONEER HI BRED INT INC EI DU PONTDE NEMOURS AND CO ; PIONEER HI BREND INTERNATIONAL ; PIONEER HI BRED INT'L INC ; PIONEER HI BRED INT L ; PIONNER HI BRED INTERNATIONAL INC ; EI DU PONT DE NEMOURS AND CO WILMINGTON ; WONG JAMES F ; E I DUPONT DE NEMOURS AND COMPANY ; E I DU PONT DE NEMOURS ; EIDU POMT DE NEMOURS AND CO AND PIONEER HI BRED INT INC ; EI DU POINT DE NEMOURS AND CO ; EI DU PONT DE NEMOURS ; EI DUPONT DE NEMOURS AND CO ; E I DUPONT DE NEMOURS AND CO ; E I DU POINT DE NEMOURS AND COMPANY ; E I DU POMT DE NEMOURS AND COMPANY AND PIONEER HI BRED INTERNATIONAL INC ; EI DU PONT DE NEMOURS AND CO ; EL DU

PONT DE NEMOURS AND CO ; E L DU PONT DE NEMOURS AND COMPANY

Inventor(s): (std): CASTLE LINDA ; CHICONE TIMOTHY K ET AL ; CLAUS JON STUART ; CRESSMAN ROBERT F ; CRESSMAN ROBERT F JR ; DONGLONG LIU ; FRED MCCUTCHEN BILLY ; GUIDA ANTHONY D ; GUIDA JR ANTHONY D ; GRESSMAN ROBERT F JR GUIDA ANT ; HAZEL CHRISTINE ; HECKERT MATTJEW J ; HEKERT METYU J ; HYEON JE CHO ; HENDERSON NANCY L ; HONDRED DAVID ; LEYSENS NANCY J ; LI ZHONGSEN ; LEYSENENS NANCY J ; LL ZHONGSEN ; LU ALBERT ; OLSON PAUL ; MEHRE WAYNE ; WEBER NATALIE N ; WONG JAMES ; WONG JAMES F ; ZHONG CATHY X ; ZHONG CATHY XIAOYAN ; ZHONG CATHY ZIAOYAN ; CRESSMAN JR ROBERT F ; CLAUSE JON S ; WONG JAMES F H ; WILKINSON JACK Q ; VOGT MARK D ; SAUNDERS DAVID W ; PEEPLES KENNETH A ; OLSON PAUL D ; MOY YORK ; MEHRE WAYNE J ; MCCUTCHEN BILLY FRED ; LU ALBERT L ; LIU DONGLONG ; HUTCHISON JAMES M ; HEGSTAD JEFFREY M ; HECKERT MATTHEW J ; HAZEL CHRISTINE B ; XING AIQIU ; XING AIQUI ; YORK ; YORK MOY ; MCCUTCHEN BILLY ; GUIDA ANTHONY D JR ; GREEN JERRY M ; CLAUS JON S ; CHO HYEON JE ; CHICOINE TIMOTHY K ; CASTLE LINDA A ; MCCUTCHEN BILLY F

Inventor(s): CRESSMAN ROBERT FJR ; MCCUTCHEN BILLY FRED COLLEGE STATION ; MEHRE ; ZHONG CATHY ; GUIDA ANTHONY DJR ; CLAUS ; CHRISTINE B HAZEL ; CHO ; CHICOINE ; CASTLE ; BILLY FRED MCCUTCHEN ; ANTHONY D JR GUIDA ; ZHONGSEN LL ; GUIDA JR ; GUIDA ; GREEN ; DAVID W SAUNDERS ; WONG JAMES F H JOHNSON ; WONG JAMES FH ; MEHRE WAYNE J URBANDALE ; MOY ; NANCY J LEYSENENS ; NANCY L HENDERSON ; NATALIE N WEBER ; OLSON ; OLSON PAUL D KALAHEO ; PAUL D OLSON ; PEEPLES ; PEEPLES KENNETH ; ROBERT F JR CRESSMAN ; SAUNDERS ; SAUNDERS DAVID ; TIMOTHY K CHICOINE ; VOGT MARK ; WAYNE J MEHRE ; WEBER NATALIE ; LU ALBERT L NEWARK ; MARK D VOGT ; MATTHEW J HECKERT ; MATTJEW J HECKERT ; MCCUTCHEN ; LU ; LEYSENS NANCY ; LINDA A CASTLE ; LIU ; LIU DONGLONG JOHNSTON ; HUTCHISON ; HUTCHISON JAMES ; HENDERSON NANCY L AND ; JACK Q WILKINSON ; JAMES F H WONG ; JAMES M HUTCHISON ; JEFFREY M HEGSTAD ; JERRY M GREEN ; JON S CLAUS ; KENNETH A PEEPLES ; LEYSEN ; HENDERSON NANCY ; HEGSTAD ; HEGSTAD JEFFREY ; HAZEL CHRISTINE B PORT DEPOSIT ; HECKERT ; GRESSMAN ROBERT FJR ; GUIDA ANTHONY ; HA ; HAZEL ; GREEN JERRY ; GRESSMAN ROBERT F JR ; DAVID HONDRED ; CRESSMAN ROBERT ; CATHY XIAOYAN ZHONG ; CHICOINE TIMOTHY ; AIQUI XING ; ALBERT L LU ; ANTHONY D GUIDA JR

Agent(s): HOULIHAN²; HOULIHAN² PTY LTD; HOULIHAN2; SMART AND BIGGAR; TORYS LLP; PORZIO; BENTHAM ANDREW; ELLA CHEONG HONG KONG LTD; WILKINSON AND GRIST; ALSTON AND BIRD LLP PIONEER HI BRED INT INC; ALSTON AND BIRD LLP; WILLIAMSON KELLY J ET AL

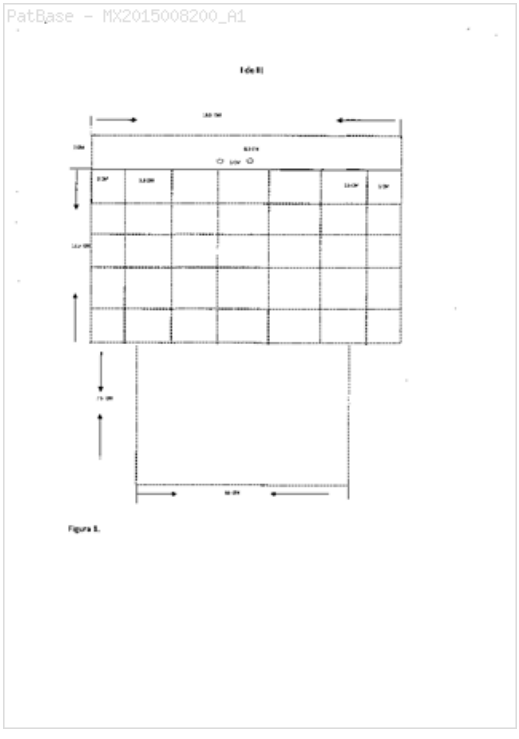
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336) Family number: 65166749 (MX2015008200A) © PatBase

Title: CAPTURE AND IDENTIFICATION TRAP FOR INSECTS.

Abstract: The present disclosure is related to a plastic trap of 16.5 cm by 22 cm; of this area, the upper side, the left and the right sides have 2 cm without glue; 12.5 cm by 12.5 cm., is checkered, each grid is of 2.5 cm., a rectangular measurement container is generated of the same piece with dimensions of 7.5 cm high, by 10 cm wide, by 2.5 cm deep. In the 12.5 by 12.5 cm side, the trap has glue with attractant. Water or attractant can be placed in the rectangular container. Pantone colors are 3005; 101 C, 108 C, 116 C, and 374 C. These can be adjusted according to the insect species that needs to be captured. Furthermore, the invention is provided with two holes, each one of two millimeters in diameter. These holes are distributed as follows: 2 at the top and 2 cm apart from each other. This trap allows capturing insects to count and facilitate the identification of species.

Classifications:
International (IPC 8-9): A01M1/00 A01M23/00 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
MX2015008200 A1	20161222	MX20150008200	20150623

Priority:

MX20150008200 20150623

Probable Assignee: DORA LUZ REYNA MUNIZ

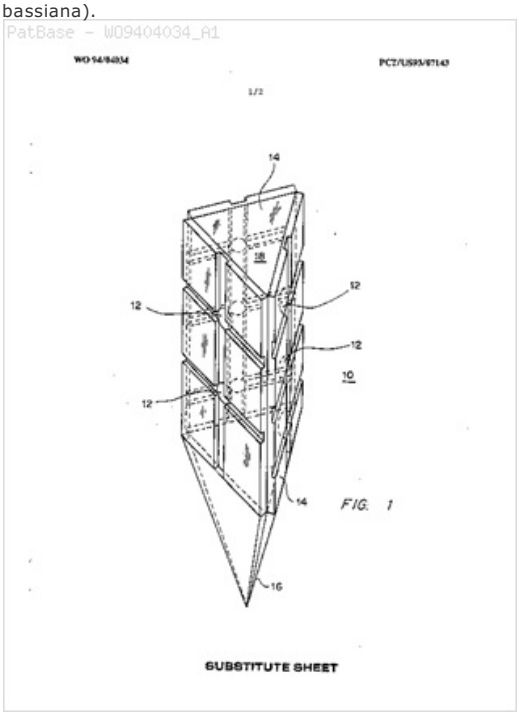
Assignee(s): (std): DORA LUZ REYNA MUNIZ
Inventor(s): (std): DORA LUZ REYNA MUNIZ

337) Family number: 9786750 (ZA9306000A)

Title: BIOLOGICAL CONTROL OF TERMITES

Abstract: Methods have been developed for protection of structures from termite infestation. In the preferred embodiment, termites are attracted into contact with a potentially lethal fungus, such as (Metarhizium anisopliae) or (Beauveria bassiana), using an attractant, such as the fungus (Gloeophyllum trabeum) or its volatile products. In another embodiment, a fungus is used which is naturally repellent to the termites, such as (M. anisopliae) and serves to prevent termites from entering into an area bounded by the repellent fungus. The entomopathogenic fungus, alone or in combination with an attractant fungus, is provided either in the form of an infection chamber or formulated with a nutrient composition and administered directly to inhabited galleries or to the termite nest to initiate infection, transmission and colony mortality. Examples demonstrate control of termites using chambers containing (M. anisopliae) and (B. bassiana).

Classifications:
International (IPC 8-9): A01N63/00 A01N63/04 (Advanced/Invention); A01N63/00 A01N63/04 (Advanced/Non-invention); A01N63/00 A01N63/04 (Core/Invention)
International (IPC 1-7): A01N63/00 A01N63/04 C12N1/14 C12N1/22
CPC: A01N63/04
European: A01N63/04



Family:

Publication number	Publication date	Application number	Application date
AU199347923 A1	19940315	AU19930047923	19930729
BRPI9305613 A	19941227	BR1993PI05613	19930729
CA2121356 AA	19940414	CA19932121356	19930729
CN1085733 A	19940427	CN19931017629	19930819
EP0608407 A1	19940803	EP19930918493	19930729
IL106565 A0	19931208	IL19930106565	19930802
JP7503484 T2	19950413	JP19940506295T	19930729
KR19940702686 A	19940917	KR19940701290	19940419
KR19947002686 A	19940917	KR19947001290	19930729
MX9305020 A1	19940531	MX19930005020	19930818
TH15522 A	19950224	TH19931001452	19930817
WO9404034 A1	19940303	WO1993US07143	19930729
ZA9306000 A	19940627	ZA19930006000	19930817

Priority:
US19920932261 19920819 WO1993US07143 19930729
Probable Assignee: ECOSCIENCE CORP
Assignee(s): (std): ECOSCIENCE CORP ; ESCOSCIENCE CORP
Assignee(s): GUNNER HAIM ; KANE JEFFREY ; DUAN HONGYU
Inventor(s): (std): DUAN HONGYU ; GUNNER HAIM ; KANE JEFFREY
Inventor(s): HAIM GUNNER ; HONGYU DUAN ; JEFFREY KANE
Agent(s): FB RICE; FB RICE PTY LTD; BERESKIN AND PARR
Designated states: AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CZ DE DK ES FI FR GA GB GN GR HU IE IT JP KP KR KZ LI LK LU MC MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SK SN TD TG UA VN

338) Family number: 73729751 (US2019090470A)

Title: INSECT TRAP

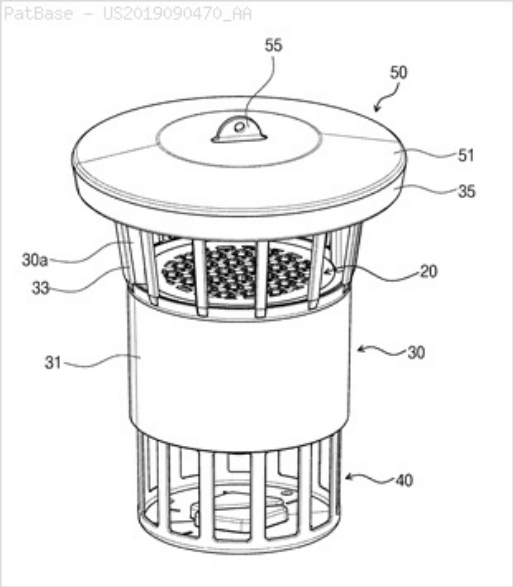
Abstract: An insect trap including a light source part to emit a light, a fan disposed under the light source part, a housing to accommodate the fan, and a trapping part disposed under the fan and coupled to the housing. The trapping part includes a trapping net including an opening facing the fan, a body frame coupled to the trapping net, at least one first rib crossing the body frame, and a shutter part coupled to the body frame to be spaced apart from the first rib and opened or closed

depending on an operation of the fan.

Classifications:

International (IPC 8-9): A01M1/06 A01M1/08 A01M1/10 A01M1/20 A61L2/08 A61L9/20 (Advanced/Invention)

CPC: A01M1/08 A01M1/06 A01M1/20 A01M1/106 A01M1/2022 A61L2/088 A61L9/205 A01M1/04 A01M1/2033



Family:

Publication number	Publication date	Application number	Application date
KR20190036595 A	20190405	KR20170125667	20170928
US2019090470 AA	20190328	US20180145451	20180928

Priority:

KR20170125667 20170928

Probable Assignee:	SEOUL VIOSYS CO LTD
Assignee(s): (std):	SEOUL VIOSYS CO LTD
Assignee(s):	SEOUL VIOSYS CO
Inventor(s): (std):	LEE GWANG RYONG ; CHANG SANG HYUN

339) Family number: 54742766 (US2015148288A)

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Title: TOXIC PEPTIDE PRODUCTION, PEPTIDE EXPRESSION IN PLANTS AND COMBINATIONS OF CYSTEINE RICH PEPTIDES

Abstract: New insecticidal proteins, nucleotides, peptides, their expression in plants, methods of producing the peptides, new processes, production techniques, new peptides, new formulations, and new organisms, a process which increases the insecticidal peptide production yield from yeast expression systems. The present invention is also related and discloses selected endotoxins we call cysteine rich insecticidal peptides (CRIPS) which are peptides derived from Bacillus thuringiensis (Bt) and their genes and endotoxins in combination with toxic peptides known as Inhibitor Cystine Knot (ICK) genes and peptides as well as with other types of insecticidal peptides such as trypsin modulating oostatic factor (TMOF) peptide sequences used in various formulations and combinations; of both genes and peptides, useful for the control of insects.

Classifications:

International (IPC 8-9): A01N47/44 A01N61/00 A01N63/00 A01N63/02 A01N65/00 A01P7/04 A61K38/00 A61P33/14 C07K C07K14/415 C07K14/435 C07K19/00 C07K2/00 C07K5/06 C12N15/00 C12N15/09 C12N15/82 (Advanced/Invention); A01N C07K C12N (Subclass/Invention)

CPC: C07K2319/55 C07K14/43504 C12N15/8286 C07K14/43518 A01N63/02 Y02A40/162

US: 514/4.5 530/350

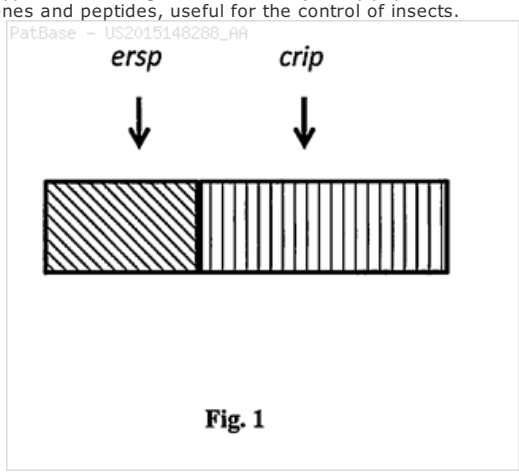


Fig. 1

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HK1204630 A1	20151127	HK20150105098	20150528
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IN07289CN2014 A	20160701	IN2014CN07289	20140930

JP2015511959 T2	20150423	JP20140561174T	20130308
JP2018111714 A2	20180719	JP20180045574	20180313
JP6308955 B2	20180411	JP20140561174T	20130308
KR20140138269 A	20141203	KR20147028331	20130308
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NZ629649 A	20170331	NZ20130629649	20130308
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US2017174731 AA	20170622	US20160390153	20161223
US2018186846 A9	20180705	US20160390153	20161223
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WO13134734 A3	20131219	WO2013US30042	20130308

Priority:

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Probable Assignee: VESTARON CORP

Assignee(s): (std): VESTARON CORP

Assignee(s): VENABLE ROBERT ; TEDFORD WILLIAM ; MCINTYRE JOHN ; VESTARON CORP1200-4717 CAMPUS DRIVEKALAMAZOOMI49008US ; OPEN PRAIRIE VENTURES II LP ; BAO LIN ; CARLSON ALVAR ; FOUNE CATHERINE ; HENDRICKSON CRISTOPHER ; KENNEDY ROBERT M ; HENDRICKSON CHRISTOPHER

Inventor(s): (std): ALVAR CARLSON ; BAO LIN ; CARLSON ALVAR ; CATHERINE FOUNE ; HENDRICKSON CRISTOPHER ; FOUNE CATHERINE ; KENNEDY ROBERT M ; HENDRICKSON CHRISTOPHER ; CHRISTOPHER HENDRICKSON ; JOHN MCINTYRE ; VENABLE ROBERT ; TEDFORD WILLIAM ; MCINTYRE JOHN ; ROBERT M KENNEDY ; LIN BAO ; ROBERT VENABLE ; WILLIAM TEDFORD ; MCINTYPE JOHN

Inventor(s): KENNEDY ROBERT MUS ; VENABLE ROBERTUS ; TEDFORD WILLIAMUS ; MCINTYRE JOHNUS ; FOUNE CATHERINEUS ; HENDRICKSON CRISTOPHERUS ; BAO LINUS ; CARLSON ALVARUS

Agent(s): SPRUSON AND FERGUSON; SMART AND BIGGAR; COHAUSZ AND FLORACK; MARKS AND CLERK; YKI PATENT ATTORNEYS; YKI INTELLECTUAL PROPERTY ATTORNEYS; THOMAS A; JONATHAN P; HONIGMAN MILLER SCHWARTZ AND COHN LLP; WOOTTON THOMAS A

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

340) Family number: 12385772 (US5688509A)

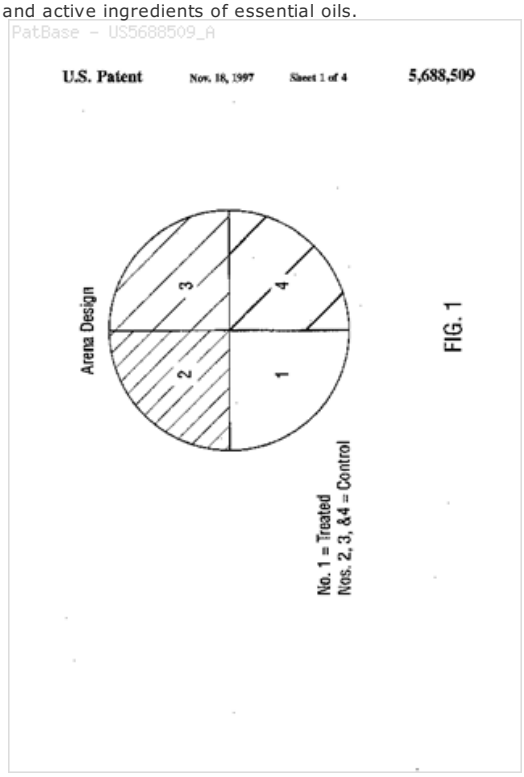
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Title: CONTROLLED-RELEASE INSECT REPELLENT DEVICE

Abstract: The present invention provides a controlled-release insect repellent device and a method for repelling insects from food, tobacco, or other consumable items. The controlled-release insect repellent device comprises an insect repellent composition contacting a substrate. The controlled-release insect repellent device is prepared by a method comprising applying the insect repellent composition to the substrate wherein the repellent compound used is present in the controlled-release insect repellent device in an amount such that when it is released it is non-toxic to humans and animals. The method for repelling insects comprises placing the controlled-release insect repellent device in an area where insects may be present. The insect repellent composition comprises a repellent compound and a controlled-release agent, the controlled-release agent which comprises a compound which may be synthetic and/or natural, and, optionally, a solvent. The repellent compound may be chosen from the group consisting of essential oils and active ingredients of essential oils.

Classifications:

International (IPC 8-9): A01M1/02 A01M1/20 A01N25/02 A01N25/10 A01N25/18 A01N27/00 A01N31/02 A01N35/02 A01N37/00 A01N37/40 A01N43/30 A01N65/00 A01N65/08 A01N65/10 A01N65/22 A01N65/24 A01N65/28 A01N65/46 A01P17/00 A23L3/3472 A61K36/61 A61K36/67 A61K36/736 A61K36/752 A61L2/16 C09D5/14 (Advanced/Invention);
A01M1/20 A01N25/02 A01N25/10 A01N25/18 A01N37/00 A01N37/36 A01N65/00 A01N65/08 A01N65/10 A01N65/22 A01N65/24 A01N65/28 A01N65/34 A01N65/46 A01N65/48 A01P17/00 A23L3/3463 A61K36/185 A61L2/16 C09D5/14 (Core/Invention);
A01N65/10 A01N65/22 (Core/Non-invention)
International (IPC 1-7): A01M1/20 A01N25/00 A01N25/02 A01N25/10 A01N25/18 A01N27/00 A01N31/02 A01N35/02 A01N37/00 A01N37/02 A01N37/40 A01N43/30 A01N65/00 A01N65/02 A23L3/3472 A61L2/16 C09D5/14
CPC: Y10S424/10 Y10S514/919 C09D5/14 A01N25/18 A01N37/40 A01N65/00 A01N65/16 Y02A50/335 Y02A50/338 Y02A50/339 Y02A50/34 Y02A50/342 Y02A50/343 Y02A50/347 Y02A50/351 Y02A50/353
European: A01N25/18 A01N37/40 A01N65/00 C09D5/14
US: 424/195.1 424/405 424/734 424/735 424/736 424/742 424/745 424/756 424/769 424/DIG.1 424/DIG.10 514/552 514/557 514/558 514/919



Family:

Publication number	Publication date	Application number	Application date
AR005936 AA	19990721	AR1997P100691	19970220
AT284614 E	20050115	AT19970907642T	19970218
CA2217973 AA	19971009	CA19972217973	19970218
CN1158926 C	20040728	CN19971021429	19970820
CN1208562 A	19990224	CN19971021429	19970820
CO4761011 A1	19990427	CO19970009003	19970220
DE69731920 D1	20050120	DE19976031920	19970218
DE69731920 T2	20051222	DE19976031920T	19970218
DK0828422 T3	20050404	DK19970907642T	19970218
EP0828422 A1	19980318	EP19970907642	19970218
EP0828422 B1	20041215	EP19970907642	19970218
MX9708062 A1	19980131	MX19970008062	19970218
PT828422 T	20050429	PT19970907642T	19970218
US5688509 A	19971118	US19960603727	19960220
WO9729638 A1	19970821	WO1997US02406	19970218

Priority:

US19960603727 19960220 EP19970907642 19970218 WO1997US02406 19970218
CN19971021429 19970820

Probable Assignee: CARAUSTAR IND INC

Assignee(s): (std): CARAUSTAR IND INC ; TENNECO PACKAGING INC ; CROSTA IND CORP ; CROSTA INDUSTRY CORP ; TENNECO PACKAGING

Assignee(s): CARAUSTAR INDUSTRIES INC ; CARAUSTAR IND INC A NORTH CAROLINA CORP ; RADWAN M NABIL ; PACTIV CORP ; CARAUSTAR INDUSTRIAL AND CONSUMER PRODUCTS GROUP INC ; ALLIN GAYLORD P ; BANK OF AMERICA NA ; CARAUSTAR CUSTOM PACKAGING GROUP INC ; CARAUSTAR IND

Inventor(s): (std): RADWAN M NABIL ; RADWAN NABIL ; ALLIN P ; NABIL RADWAN M ; NABIL M ; ALLIN GAYLORD POWERS ; GAYLORD POWERS ; POWERS ALLIN GAYLORD ; ALLIN GAYLORD P

Inventor(s): GAYLORD P ALLIN ; M NABIL RADWAN ; GAYLORD POWERS ALLIN ; RADWAN M ; POWERS GAYLORD

Agent(s): MARKS AND CLERK

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

341) Family number: 30578774 (US2003099726A)

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Title: ANTIMICROBIAL TREATMENT FOR HERPES SIMPLEX VIRUS AND OTHER INFECTIOUS DISEASES

Abstract: An improved medical treatment and medicine is provided to quickly and safely resolve herpes and other microbial infections. The inexpensive user-friendly medicine can be applied and maintained on the infected region until the physical symptoms of the disease disappears and the patient is comfortable and has a normal appearance. The attractive medicine comprises an antimicrobial concentrate comprising microbe inhibitors, phytochemicals or isolates. Desirably, the effective medicine comprises a surfactant and an aqueous carrier or solvent. In the preferred form, the medicine comprises Echinacea phytochemicals and benzalkonium chloride in a sterile water solution.

Classifications:

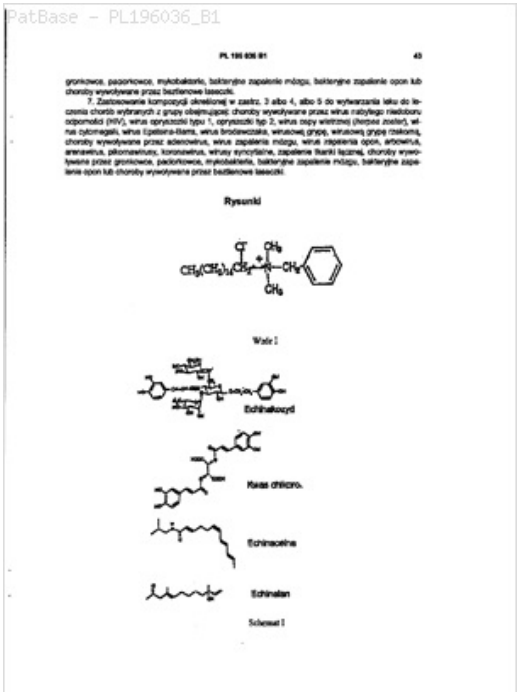
International (IPC 8-9): A01N33/12 A01N65/00 A01N65/08 A01N65/10 A01N65/22 A01N65/28 A01N65/38 A01N65/42 A01P3/00 A61K31/04 A61K31/045 A61K31/12 A61K31/13 A61K31/14 A61K31/16 A61K31/19 A61K31/195 A61K31/198 A61K31/21 A61K31/216 A61K31/335 A61K31/34 A61K31/343 A61K31/4166 A61K31/4985 A61K31/519 A61K31/525 A61K31/70 A61K31/7032 A61K31/714 A61K35/78 A61K36/00 A61K36/18 A61K36/185 A61K36/28 A61K36/32 A61K36/328 A61K36/534 A61K36/537 A61K36/61 A61K36/68 A61K36/81 A61K36/8962 A61K38/27 A61K38/28 A61K39/385 A61K45/00 A61K45/06 A61K45/08 A61K47/10 A61K47/16 A61K47/18 A61K9/00 A61K9/14 A61P17/00 A61P31/00 A61P31/04 A61P31/12 A61P31/18 A61P31/22 A61P37/00 B65D85/00 C07D417/06 C07D519/00 (Advanced/Invention);
A01N65/08 A01N65/10 A01N65/22 A61K31/045 A61K31/12 A61K31/13 A61K31/14 A61K31/16 A61K35/78 (Advanced/Non-invention);
A01N33/00 A01N65/00 A61K31/00 A61K31/04 A61K31/13 A61K31/34 A61K31/4164 A61K31/70 A61K31/7135 A61K35/00 A61K36/00 A61K36/185 A61K39/00 A61K39/385 A61K45/00 A61P17/00 A61P31/00 B65D85/00 C07D519/00 (Core/Invention);
A61K A61P (Subclass/Invention)

International (IPC 1-7): A01N33/12 A01N65/00 A61K31/13 A61K31/14 A61K31/505 A61K31/519 A61K35/78 A61K36/28 A61K39/002 A61K39/385 A61K45/06 A61P31/00 A61P31/04 A61P31/12 A61P31/16 A61P31/18 A61P31/22

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Family:

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AP1356 A	20041230	AP19980001386	19970512
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UA65563 C2	20000815	UA19990095295	19980324
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US2003099726 AA	20030529	US20020093093	20020307
US2003104082 AA	20030605	US20020084759	20020226
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US2009191288 AA	20090730	US20080248402	20081009
US2016151436 AA	20160602	US20150961035	20151207
US2017258861 AA	20170914	US20170607518	20170528
US6348503 BA	20020219	US19960600217	19960212
US6350784 BA	20020226	US19970824041	19970326
US6355684 BA	20020312	US19960646988	19960508
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US9662360 BB	20170530	US20150961035	20151207
VN3362 A1	20030425	VN19990000768	19990922
VN4732 A1	20050225	VN19980000983	19970312
WO9811778 A1	19980326	WO1997US02468	19970312
WO9842188 A1	19981001	WO1998US05792	19980324
YU48099 A	20020318	YU19990000480	19980324
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ZA200907047 A	20101229	ZA20090007047	20091009

Priority:

US19900595424 19901011 US19910595424 19911113 US19960600217 19960212
US19960646988 19960508 WO1997US02468 19970312 US19970824041 19970326
JP19980545926 19980324 WO1998US05792 19980324 US20020084759 20020226
US20020093093 20020307 US20050202986 20050812 US20080248402 20081009
US20150848525 20150909 US20150961035 20151207 US20170607518 20170528

Probable Assignee: WELSH AND KATZ LTD

Assignee(s): (std): MERLY SQUIRES ; MERYL J SQUIRES ; MERYL SQUIRES ; SKYERS MERIL ; Squires Meryl ; MERITUS CORP ; SQUIRES MERYL BARRINGTON ; SQUIRES MERYL J

Assignee(s): WELSH AND KATZ LTD ; MERIX PHARMACEUTICAL CORP ; SQUIRES MERYL BARRINGTON ILLINOIS

Inventor(s): (std): TOLPIN THOMAS W ; SQUIRES MERYL J ; SQUIRES MERYL ; SQUIRES MERLY ; SKYERS MERIL ; MERYL SQUIRES MERYL ; MERYL SQUIRES ; SQUIRES MERYL BARRINGTON

Inventor(s): MERLY SQUIRES

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; FETHERSTONHAUGH AND CO; BERESKIN AND PARR LLP SENCRL SRL; SANFORD TCOLB AND CO; WELSH AND KATZ LTD 22ND FLOOR; TOLPIN AND PARTNERS PC; WELSH AND KATZ LTD; TOLPIN THOMAS W; THOMAS W

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV 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 UA UG UZ VN YU ZW

342) Family number: 32452774 (US2008305106A)

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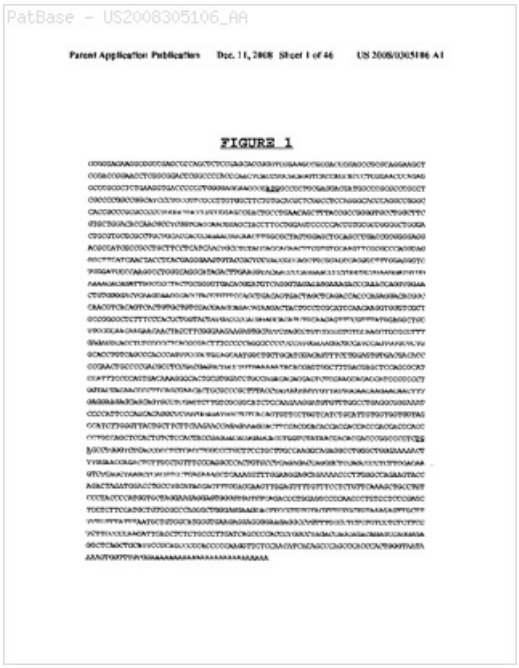
Title: NOVEL GENE DISRUPTIONS, COMPOSITION AND METHODS RELATING THERETO

Abstract: The present invention relates to transgenic animals, as well as compositions and methods relating to the characterization of gene function. Specifically, the present invention provides transgenic mice comprising disruptions in PRO256, PRO34421, PRO334, PRO770, PRO983, PRO1009, PRO1107, PRO1158, PRO1250, PRO1317, PRO4334, PRO4395, PRO49192, PRO9799, PRO21175, PRO19837, PRO21331, PRO23949, PRO697 or PRO1480 genes. Such in vivo studies and characterizations may provide valuable identification and discovery of therapeutics and/or treatments useful in the prevention, amelioration or correction of diseases or dysfunctions associated with gene disruptions such as neurological disorders; cardiovascular, endothelial or angiogenic disorders; eye abnormalities; immunological disorders; oncological disorders; bone metabolic abnormalities or disorders; lipid metabolic disorders; or developmental abnormalities.

Classifications:

International (IPC 8-9): A01K67/027 A61K38/00 A61K39/395 A61K45/00 A61K49/00 A61P1/04 A61P11/00 A61P11/06 A61P13/12 A61P17/00 A61P17/02 A61P19/00 A61P19/02 A61P19/08 A61P19/10 A61P25/00 A61P27/00 A61P27/06 A61P27/12 A61P29/00 A61P3/00 A61P3/06 A61P3/10 A61P31/12 A61P35/00 A61P37/00 A61P37/06 A61P37/08 A61P9/00 A61P9/10 A61P9/12 C07K14/47 C07K14/705 C07K14/71 C07K14/715 C07K14/72 C07K14/78 C07K14/81 C07K16/18 C07K16/28 C12N15/12 C12N15/15 C12N15/24 C12N15/52 C12N15/55 C12N15/57 C12N15/85 C12N5/00 C12N5/06 C12N5/10 C12N9/00 C12N9/16 C12N9/64 C12Q1/02 C12Q1/68 G01N33/15 G01N33/48 G01N33/50 (Advanced/Invention);
C12N15/09 (Advanced/Non-invention);
A01K67/027 A61K45/00 A61K49/00 A61P1/00 A61P11/00 A61P13/00 A61P17/00 A61P19/00 A61P25/00 A61P27/00 A61P29/00 A61P3/00 A61P31/00 A61P35/00 A61P37/00 A61P9/00 C07K14/435 C07K14/81 C07K16/18 C12N15/12 C12N15/15 C12N15/19 C12N15/52

C12N15/55 C12N15/57 C12N15/85 C12N5/00 C12N5/10 C12N9/00 C12N9/16 C12N9/64 C12Q1/02 C12Q1/68 G01N33/15 G01N33/48 G01N33/50 (Core/Invention);
C12N15/09 (Core/Non-invention);
A01K A61K C12N G01N (Subclass/Invention)
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CPC: A01K67/0275 A01K67/0278 A01K2217/05 A01K2217/072 A01K2217/075 A01K2227/105 A01K2267/03 A61K49/0008 C07K14/4703 C07K14/705 C12N15/8509
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US: 424/138.1 424/138.100P 435/325 435/325S 435/352 435/352S 435/6 435/6.16 435/6.160S 435/6S 514/1.1 514/1.100S 514/12 530/387.1 530/387.100S 800/3 800/3S



Family:

Publication number	Publication date	Application number	Application date
AU2005244742 AA	20051201	AU20050244742	20050412
BRPI0510206 A	20071016	BR2005PI10206	20050412
CA2562482 AA	20061010	CA20052562482	20050412
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WO05112619 A2	20051201	WO2005US12478	20050412
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Priority:

US20040571347P 20040512 US20050568901 20050412 WO2005US12478 20050412

Probable Assignee: LEXICON GENETICS INC

Assignee(s): (std): MONTGOMERY CHUCK ; PAYNE BOBBY JOE ; PEALE JR FRANKLIN ; PHILLIPS HEIDI ; QIAN NI NANCY ; SHI ZHENG ZHENG ; SPARKS MARY JEAN ; STALA JOY ; TANG TRACY TZU LING ; VOGEL PETER ; WICKRAMASINGHE DINELI ; YE WEILAN ; PHILLIPS HEIDE ; PEALE FRANKLIN ; TANG TRACY ; BRENNAN JANE ; DE SAUVAGE FREDERIC J ; DESAUVAGE FREDERIC ; EDWARDS JOEL ; FILVAROFF ELLEN ; GENENTECH INC ; LEXICON GENETICS INC ; GREWAL IQBAL ; HUANG WENHU ; IRVING BRIAN ; JUNUTULA JAGATH REDDY ; KIRCHHOFER DANIEL J ; KIRCHHOFER DANIEL ; IRVING BRYAN

Assignee(s): MONTGOMERY CHARLES ; PEALE JR ; LEXICON PHARMACEUTICALS INC ; PEALE FRANKLIN JR

Inventor(s): (std): DE SAUVAGE FREDERIC J ; DESAUVAGE FREDERIC ; DINELI WICKRAMASINGHE ; EDWARDS JOEL ; ELLEN FILVAROFF ; FILVAROFF ELLEN ; FRANKLIN PEALE JR ; FREDERIC DESAUVAGE ; GREWAL IQBAL ; HEIDI PHILLIPS ; HUANG WENHU ; IQBAL GREWAL ; IRVING BRIAN ; IRVING BRYAN ; BRENNAN JANE ; BRYAN IRVING ; CHARLES MONTGOMERY ; JANE BRENNAN ; JEAN SPARKS MARY ; JOE PAYNE BOBBY ; JOEL EDWARDS ; JOY STALA ; JUNUTULA JAGATH REDDY ; KIRCHHOFER DANIEL ; KIRCHHOFER DANIEL J ; KIRCHHOFFER DANIEL J ; MONTGOMERY CHARLES A ; MONTGOMERY CHUCK ; NANCY QIAN NI ; PAYNE BOBBY JOE ; PEALE FRANKLIN ; PEALE FRANKLIN JR ; PEALE JR FRANKLIN ; PETER VOGEL ; PHILLIPS HEIDE ; PHILLIPS HEIDI ; QIAN NI NANCY ; REDDY JUNUTULA JAGATH ; SHI ZHENG ZHENG ; SPARKS MARY JEAN ; STALA JOY ; TANG TRACY ; TANG TRACY TZU LING ; TZU LING TANG TRACY ; VOGEL PETER ; WEILAN YE ; WENHU HUANG ; WICKRAMASINGHE DINELI ; YE WEILAN ; ZHENG ZHENG SHI

Inventor(s): TRACY TZU LING TANG ; PEALE JR ; NI NANCY QIAN ; MARY JEAN SPARKS ; MONTGOMERY CHARLES ; CHUCK MONTGOMERY ; DANIEL J KIRCHHOFER ; BRIAN IRVING ; BOBBY JOE PAYNE ; JAGATH REDDY JUNUTULA

Agent(s): GRIFFITH HACK; SMART AND BIGGAR; GENENTECH INC

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

343) Family number: 11796774 (US5392558A)

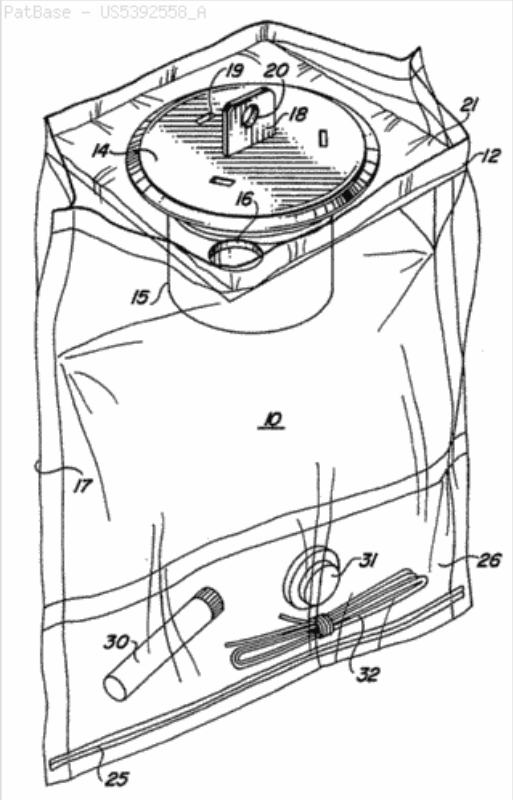
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Title: Insect trap utilizing a flexible containment means having an attractant therein

Abstract: An insect trap of the type utilizing a container beneath an entry element. Tile container is provided with an attractant liquid and the emitted odor induces insects to enter openings in the entry element. The entry element is provided with concave baffles to enhance the dissemination of attractant odors from the container. The container is preferably a bag secured to the entry element and depends therefrom in a manner which reduces the likelihood of escape by entrapped insects.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/04 A01M1/10 (Advanced/Invention);
A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/20

CPC: A01M1/02 A01M1/04 A01M1/106 A01M2200/012
European: A01M1/02 A01M1/02B A01M1/04 A01M1/10 A01M1/10F K01M200/012 K01M201/02
US: 43/107 43/122



Family:

Publication number	Publication date	Application number	Application date
US5392558 A	19950228	US19930161483	19931206

Priority:
US19930161483 19931206

Probable Assignee: FARNAM COMPANIES INC

Assignee(s): (std)**:** FARNAM COMPANIES

Assignee(s): FARNAM COMPANIES INC ; JPMORGAN CHASE BANK NATIONAL ASSOCIATION ADMINISTRATIVE AGENT AS ; JPMORGAN CHASE BANK NATIONAL ASSOCIATION AS ADMINI ; SUNTRUST BANK ADMINISTRATIVE AGENT AS

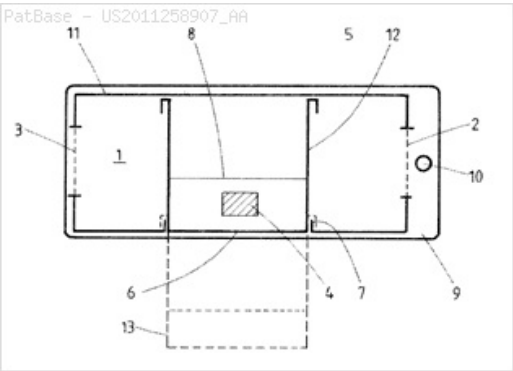
Inventor(s): (std)**:** BLOMQUIST ERIC N

344) Family number: 41004774 (US2011258907A)

Title: BAITED TRAP

Abstract: The invention relates to a bait box (1) with means for accommodating a bait or with an accommodated bait (4) in the bait box (1), with at least one port (2, 3) for providing access for a pest, in particular for a small rodent, to the bait (4). It is distinguished by the fact that the bait box (1) is designed in such a way by the fact that it has at least one section (6) which is extendable in a telescope-like fashion from a retracted position (12) into an extended position (13), whereby the volume of the bait box (1) is enlarged. The invention furthermore relates to the use of the bait box, where, in order to activate the bait, the telescopically extendable section of the bait box is brought from the retracted position into the extended position. It furthermore relates to the use of the bait box as packaging for a bait. It furthermore relates to a method of producing the bait box.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/20 A01M23/00 A01M25/00 (Advanced/Invention);
A01M1/02 A01M1/20 A01M23/00 A01M25/00 (Core/Invention)
International (IPC 1-7): A01M25/00
CPC: A01M25/004
European: A01M25/00B1
US: 43/131 43/131P



Family:

Publication number	Publication date	Application number	Application date
AU2007263302 AA	20071227	AU20070263302	20070619
BRPI0713504 A2	20120313	BR2007PI13504	20070619
CA2656269 AA	20081217	CA20072656269	20070619
CN101472471 A	20090701	CN200780022889	20070619
DE102006028722 A1	20071227	DE200610028722	20060620

EP2034820 A1	20090318	EP20070764707	20070619
IN10336DN2008 A	20090327	IN2008DN10336	20081215
JP2009540808 T2	20091126	JP20090515755T	20070619
KR20090019907 A	20090225	KR20097000532	20070619
MX2008016066 A1	20090116	MX20080016066	20070619
US2011258907 AA	20111027	US20070305750	20070619
WO07147550 A1	20071227	WO2007EP05370	20070619

Priority:

DE200610028722 20060620 WO2007EP05370 20070619

Probable Assignee: BAYER AG

Assignee(s): (std)**:** BAYER AG ; BAYER CROPSCIENCE AG ; BURDE STEFAN ; ENDEPOLS STEFAN

Inventor(s): (std)**:** BURDE STEFAN ; ENDEPOLS STEFAN ; STEFAN BURDE ; STEFAN ENDEPOLS

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; FETHERSTONHAUGH AND CO; OSAKI KATSUMASA; TSUBOKURA MICHIAKI; KANAYAMA MASATAKA; KAWAGUCHI YOSHIO; ONO MAKOTO

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 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

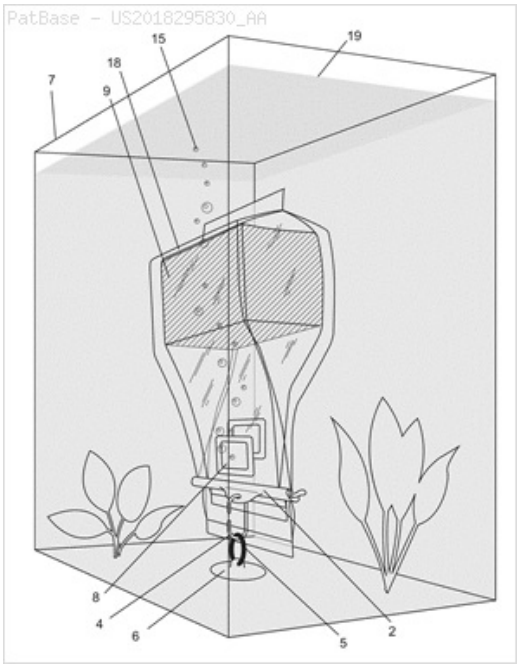
345) Family number: 71540775 (US2018295830A)

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Title: CARBON DIOXIDE UNDERWATER DELIVERY DEVICE AND SUPPLEMENTATION SYSTEM

Abstract: A delivery device and system to supplement CO_2 in an underwater environment without the need for electricity or the use of compressed CO_2. The device consists of a container containing a biological organism such as mycelium and including an exit portal for CO_2 to enter the underwater environment. The device may also incorporate a separation device to delay and control the flow of CO_2. The system requires the device to be held in place through a securing point in the underwater environment. The minimum requirements for the device are described, but in certain instances it will be preferably used with a double-bag or an outer shell housing to protect or aesthetically conceal the placement underwater. The use of this device and system to supplement carbon dioxide in water will span many industries and applications. It will assist with mosquito trapping. It will also supplement CO_2 in underwater growing environments.

Classifications:
International (IPC 8-9): A01G18/64 A01G18/66 A01G22/00 A01G7/02 A01K61/85 A01M1/02 A01M1/10 A01N63/04 (Advanced/Invention)
CPC: A01M1/023 A01M1/106 A01K61/85 A01K63/042 A01G7/02 A01G18/66 A01G33/00 A01M99/00 Y02A50/371



Family:

Publication number	Publication date	Application number	Application date
US2018295830 AA	20181018	US20180954438	20180416
WO18191754 A1	20181018	WO2018US27824	20180416

Priority:

US20170485772P 20170414 US20180954438 20180416 WO2018US27824 20180416

Probable Assignee: BABCOCK GARRETT WENDY

Assignee(s): (std)**:** BABCOCK GARRETT WENDY ; BABCOCK GLEN

Inventor(s): (std)**:** BABCOCK GLEN ; BABCOCK GARRETT WENDY

Agent(s): RHOADES SARAH

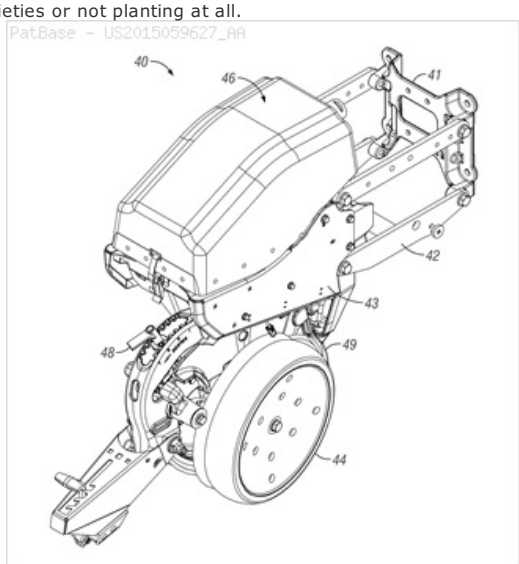
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346) Family number: 58628776 (US2015059627A)

Title: MULTIPLE AGRICULTURAL PRODUCT APPLICATION METHOD AND SYSTEMS

Abstract: A method and system for planting one of a plurality of seed types, hybrids and/or varieties is provided. A planter is provided with a plurality of row units. The row units include substantially static metering systems, which can include multiple seed meters at a particular row unit. The metering systems including more than one seed meters are configured such that the seed meters will plant a different seed types or varieties. The operation of one or more of the seed meters at a time will provide for the planting of a particular seed variety. When the invention provides for on-the-go changing of a seed being planted by changing the operation of one or more of the seed meters at each of the row units and provides for almost infinite variation among the row units for planting particular seed varieties or not planting at all.

Classifications:
International (IPC 8-9): A01C19/02 A01C21/00 A01C5/06 A01C7/04 A01C7/10 A01C7/16 A01C7/18 A01C7/20 (Advanced/Invention); A01C19/02 A01C7/10 A01C7/20 (Advanced/Non-invention)
CPC: A01C7/046 A01C7/16 A01C21/005 A01C7/044 A01C7/102 A01C7/20 A01C7/206 A01C19/02
US: 111/185 111/200



Family:

Publication number	Publication date	Application number	Application date
AR097577 AA	20160323	AR2014P103336	20140908
AR097578 AA	20160323	AR2014P103337	20140908
AR097579 AA	20160323	AR2014P103338	20140908
AR097822 AA	20160420	AR2014P103335	20140908
AR100493 AA	20161012	AR2015P101026	20150406
BR112016005022 A2	20170801	BR20161105022	20140905
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BR112016005045 A2	20170801	BR20161105045	20140905
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EP3041342 A1	20160713	EP20140805395	20140905
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Priority:

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US20190270147 20190207	US20190274824 20190213	

Probable Assignee: KINZE MFG INC

Assignee(s): (std)**:** KINZE MFG INC

Assignee(s): KINZE MFG INC WILLIAMSBURG ; WILHELMI MATTHEW J ; HAHN DUSTAN

Inventor(s): (std)**:** KINZENBAW JON E ; ROLFFS MERLAN J ; HAHN DUSTAN ; WILHELMI MATTHEW J ; KINZENBAW JON ; BECKER DERRICK

Inventor(s): BECKER DERRICK WILLIAMSBURG ; HAHN DUSTAN WILLIAMSBURG ; WILHELMI MATTHEW J WILLIAMSBURG ; ROLFFS MERLAN J WILLIAMSBURG ; KINZENBAW JON WILLIAMSBURG ; DERRICK BECKER ; DUSTAN HAHN ; MATTHEW J WILHELMI ; MERLAN J ROLFFS ; JON KINZENBAW

Agent(s): OYEN WIGGS GREEN AND MUTALA LLP; TOMKINSON ALEXANDRA; MCKEE VOORHEES AND SEASE PLC; MOHRHAUSER LUKE T 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

347) Family number: 60975778 (BR202013017219U)

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Title: DISPOSICAO CONSTRUTIVA INTRODUZIDA EM DISPOSITIVO PARA ELIMINAR INSETOS Hand CONSTRUCTIVE INTRODUCED IN DEVICE TO ELIMINATE INSECTS (Machine translation)

Abstract: Source: BR202013017219U [PT] 1 RESUMO DISPOSICAO CONSTRUTIVA INTRODUZIDA EM DISPOSITIVO PARA ELIMINAR INSETOS Trata-se a presente patente de modelo de utilidade, 5 de uma nova disposicao construtiva introduzida em dispositivo para eliminar insetos, pertencente a area de prevencao e controle de doencas transmissiveis por insetos, especificamente, acessorios para eliminar insetos, atraves do qual sao obtidos resultados praticos, seguros e funcionais 10 muito vantajosos. , O dispositivo compreende um corpo (1), em fprma de "U", dotado proximo a extremidade posterior de uma parede intermediaria (12), e na extremidade frontal de uma parede (13), ambas dotadas de orificios (14) para encaixe das 15 extremidades da lampada (2). A parede frontal (13) forma um rasgo (15) para passagem e acondicionamento da gaveta (3), dentro da qual e previsto um liquido (6) a base de agua e oleo vegetal. Dito corpo (1) e dotado ainda na parte posterior de um nicho (16) fechado pela tampa em "L£ (17), 20 dotada de orificios (18) para ventilacao do resistor da lampada (2) que e ligada a rede de energia eletrica atraves da tomada (4) e do interruptor (5).

Machine translation: 1 SUMMARY hand CONSTRUCTIVE INTRODUCED IN DEVICE TO ELIMINATE INSECTS It is the present patent for utility model, 5 of a new constructive disposition introduced in the device to eliminate insects, belonging to the area of prevention and control of diseases transmittable by insects, specifically, accessories to eliminate insects, which are obtained through practical results, safe and functional 10 very advantageous., The device comprises a body (1), fprma "U", provided near the rear end of an intermediate wall (12) and the front end of a wall (13), both provided with holes (14) for engagement 15 of the ends of the lamp (2). The front wall (13) forms a slot (15) for passage and packaging of the drawer (3) and provided for within which a liquid (6) water-based and vegetable oil. Said body (1) is provided also on the back of a housing (16) closed by the lid "L £ (17), 20 provided with holes (18) for ventilation of the lamp resistor (2) and connected to the network electric power through the outlet (4) and switch (5).

Classifications:
International (IPC 8-9): A01M1/04 A01M1/10 A01M1/14 (Advanced/Invention)
CPC: A01M1/106 A01M1/04 A01M1/14

PatBase – BR202013017219_U2

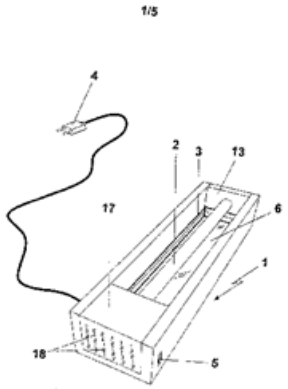


Fig. 1

Family:

Publication number	Publication date	Application number	Application date
BR202013017219 U2	20151110	BR20132017219U	20130704

Priority:

BR20132017219U 20130704

Probable Assignee: SANNA SIDNEY

Assignee(s): (std)**:** SANNA SIDNEY ; SILVA SEBASTIAO LUIZ PEREIRA DA

Assignee(s): SEBASTIAO LUIZ PEREIRA DA SILVA ; SIDNEY SANNA

Inventor(s): (std)**:** SANNA SIDNEY ; SILVA SEBASTIAO LUIZ PEREIRA DA

Inventor(s): SEBASTIAO LUIZ PEREIRA DA SILVA ; SIDNEY SANNA

348) Family number: 30479779 (US2001029618A)

© PatBase

Title: Transgenic maize with increased mannitol content

Abstract: The present invention provides a method for conferring tolerance or resistance to water or salt stress in a monocot plant, and/or altering the osmoprotectant content of a monocot plant, by introducing a preselected DNA segment into the plant. This invention also relates to the transformed cells and seeds, and to the fertile plants grown from the transformed cells and to their pollen.

Classifications:

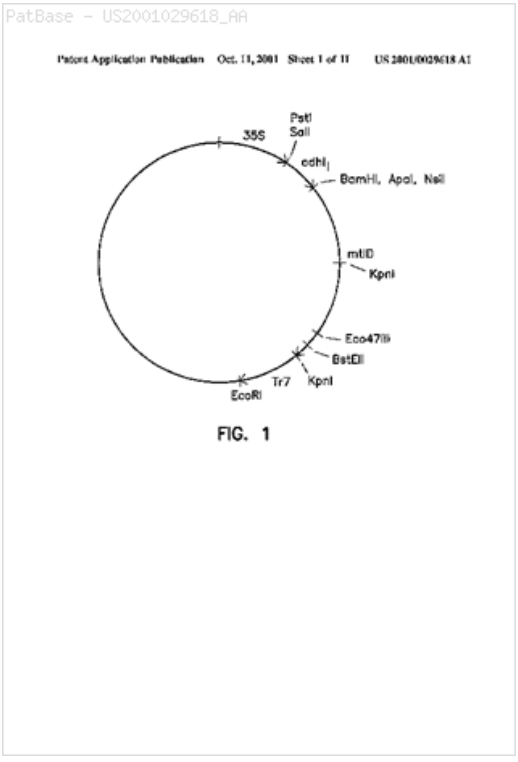
International (IPC 8-9): A01H1/00 A01H4/00 A01H5/00 A01H5/10 C07H21/04 C07K14/41 C07K14/415 C12N1/20 C12N15/05 C12N15/09 C12N15/11 C12N15/29 C12N15/52 C12N15/53 C12N15/60 C12N15/64 C12N15/66 C12N15/82 C12N15/87 C12N5/00 C12N5/04 C12N5/10 C12N9/04 C12N9/88 (Advanced/Invention); A01H1/00 A01H5/00 C12N15/09 C12N15/29 C12N15/53 C12N15/60 C12N5/10 C12P13/22 C12P7/64 C12R1/91 (Advanced/Non-invention); C07K14/41 C12N15/82 C12N5/10 (Core/Invention)

International (IPC 1-7): A01H1/00 A01H1/06 A01H4/00 A01H5/00 A01H5/10 A01N31/02 C07H21/04 C12N1/14 C12N1/20 C12N13/00 C12N15/00 C12N15/05 C12N15/09 C12N15/11 C12N15/29 C12N15/52 C12N15/53 C12N15/60 C12N15/64 C12N15/82 C12N15/87 C12N5/00 C12N5/00 C12N5/04 C12N5/10 C12N9/04 C12N9/10 C12N9/88 C12P13/22

CPC: C12N15/8216 C12N15/8251 C12N15/8254 Y10S47/01 A01H4/008 A01H4/00 A01H4/001 C07K14/415 C12N5/0025 C12N5/04 C12N15/8207 C12N15/87 C12N9/0006 C12N9/88 C12N15/8209 C12N15/8241 C12N15/8245 C12N15/8273

European: A01H4/00 A01H4/00B A01H4/00E C07K14/415 C12N15/82A6D C12N15/82A8 C12N15/82B C12N15/82C C12N15/82C4B10 C12N15/82C4B10B C12N15/82C4B2 C12N15/82C8B2 C12N15/87 C12N5/00M1 C12N5/04 C12N9/00P2 C12N9/88 M07K207/00 M12N207/00 M12N209/00

US: 435/108 435/108S 435/172.1 435/172.3 435/183 435/189 435/193 435/193P 435/232 435/240.4 435/240.45 435/240.5 435/252.3 435/287 435/320.1 435/320.100S 435/410 435/412 435/412S 435/413 435/419 435/419S 435/424 435/468 435/468S 47/58 47/DIG.1 536/23.2 536/23.200S 536/23.6 536/23.7 536/24.1 536/27.1 800/205 800/235 800/250 800/260 800/265 800/266 800/267 800/268 800/275 800/278 800/278P 800/279 800/279S 800/281 800/284 800/287 800/288 800/291 800/292 800/293 800/295 800/298 800/300 800/300.1 800/301 800/302 800/303 800/312 800/312S 800/320 800/320.1 800/320.100S 800/320.2 800/320.200S 800/320.3 800/320.300S 800/320S 800/DIG.52 800/DIG.55 800/DIG.56 800/DIG.58 935/52 935/55 935/67 935/85



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Priority:

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Probable Assignee: MONSANTO TECHNOLOGY LLC

Assignee(s): (std): CHOMET PAUL S ; DAINES RICHARD J ; DEKALAB GENETICS CORP ; DEKALB GENETICS CORP ; DEKALB PLANT GENETICS ; GRIFFOR MATTHEW C ; KRIZ ALAN L ; GORDON KAMM WILLIAM ; KAUSCH ALBERT P ; DEKALB GENETIC CORP ; DEKALB PLANT GENETICS US ; ADAMS THOMAS R ; ANDERSON PAUL C ; DEKALB GENETICS CORP DEKALB ; MANN MICHAEL T ; ORR PETER M ; WARNER DAVID C

Assignee(s): MONSANTO TECHNOLOGY LLC ; LEMAUX PEGGY G ; KRUEGER ROGER W ; RICE THOMAS B ; SPENCER T MICHAEL ; MANGANO MARY L ; WILLETTS NANCY ; MACKEY CATHERINE J ; START WILLIAM G ; O BRIEN JAMES V ; STEPHENS MICHAEL A ; OROZCO EMIL M JR ; DEKALB GENETICS CORP DEKALB ILL US ; GORDON KAMM WILLIAM J ; CHAMBERS SHERYL A ; ADAMS WHITNEY R JR ; DEKALB GENETICS COPORATION ; DEKALB GENETICS DEKALB ILLINOIS CORP

Inventor(s): (std): KRUEGER ROGER ; MARY L MANGANO ; MATTHEW C GRIFFOR ; MICHAEL A STEPHENS ; MICHAEL T MANN ; NANCY WILLETTS ; O BRIEN JAMES ; OROZCO EMIL M ; OROZCO EMIL M J R ; OROZCO EMIL M JR ; ORR PETER ; ORR PETER M ; PAUL C ANDERSON ; PAUL S CHOMET ; PEGGY G LEMAUX ; PETER M ORR ; RICE THOMAS ; RICE THOMAS B ; RICHARD J DAINES ; ROGER W KRUEGER ; SHERYL A CHAMBERS ; SPENCER MICHAEL T ; SPENCER T ; SPENCER T MICHAEL ; START WILLIAM G ; STEPHENS MICHAEL A ; T MICHAEL SPENCER ; THOMAS B RICE ; THOMAS R ADAMS ; THOMAS R DAMS ; WALTERS DAVID A ; WALTERS DONALD S ; WARNER DAVID C ; WHITNEY R ADAMS JR ; WILLETTS NANCY ; WILLETTS NANCY G ; WILLETTS NANCY US ; WILLIAM G START ; WILLIAM GORDON KAMM ; WILLIAM J GORDON KAMM ; WILLIAM J GORDON KAMME ; O BRIEN JAMES V ; O BRIAN JAMES V ; MUMM RITA HOGAN ; MANN MICHAEL T ; MANGANO MAY L ; MANGANO MARY L ; MACKEY CATHERINE J ; LEMAUX PEGGY G ; KRUEGER ROGER W ; KRIZ ALAN L ; KAUSCH ALBERT P ; GRIFFOR

MATTHEW C ; GORDON KAMM WILLIAM J ; GORDON KAMM WILLIAM ; FLICK CHRISTOPHER E ; DAINES RICHARD J ; CHOMET PAUL S ; CHAMBERS SHERYL A ; ANDERSON PAUL C ; ADAMS WHITNEY R JR ; ADAMS WHITNEY R ; ADAMS THOMAS R ; ZACHWIEJA SUSAN J ; VETSCH CLAYTON S ; ALAN L KRIZ ; ALBERT P KAUSCH ; CATHERINE J MACKEY ; CHAMBERS SHERYL ; DAVID C WARNER ; EMIL M J R OROZCO ; EMIL M OROZCO JR ; GORDON KAMME WILLIAM J ; GRIFFORD MATTHEW C ; JAMES V O BRIEN ; JRADAMS WHITNEY R ; MANGANO MARY LOU ; LACCETTI LUCILLE B ; GLASSMAN KIMBERLY ; MANGANO MARY ; MACKEY CATHERINE ; LEMAUX PEGGY ; KAUSCH ALBERT ; GRIFFOR NETTHEW C ; DAINES RICHARD ; ADAMS WHITNEY ; ADAMS THOMAS ; MACKEY KATHERINE J ; START WILLIAM ; DAMS THOMAS R ; ADAMS WHITNEY RJR

Inventor(s): O BRIEN JAMES V MYSTIC CT 06355 US ; O BRIAN JAMES V US ; NETTHEW C GRIFFOR ; JR ADAMS WHITNEY R ; EMIL M OROZCO ; WILLETTS NANCY NIANTIC CT 06357 US ; KRIZ ALAN ; GRIFFOR MATTHEW ; CHOMET PAUL ; ANDERSON PAUL ; O'BRIEN JAMES V

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; PHILLIPS ORMONDE FITZPATRICK; BERESKIN AND PARR LLP SENCRL SRL; GOWLING LAFLEUR HENDERSON LLP; HELBING JOERG; MONSANTO COMPANY; MONSANTO CO; SONNENSCHEIN NATH AND ROSENTHAL LLP; BYRON V

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

349) Family number: 30316779 (US2003235820A)

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Title: NOVEL METHODS OF DIAGNOSIS OF METASTATIC COLORECTAL CANCER, COMPOSITIONS AND METHODS OF SCREENING FOR MODULATORS OF METASTATIC COLORECTAL CANCER

Abstract: Described herein are methods and compositions that can be used for diagnosis and treatment of metastatic colorectal cancer. Also described herein are methods that can be used to identify modulators of metastatic colorectal cancer.

Classifications:

International (IPC 8-9): A01D34/13 A01D34/40 A61K31/70 A61K31/7088 A61K31/7105 A61K39/395 A61K45/00 A61K48/00 A61P1/00 A61P35/00 A61P35/04 C07K1/00 C07K14/43 C07K14/435 C07K14/47 C07K14/82 C07K16/18 C07K19/00 C12N1/15 C12N1/19 C12N1/21 C12N15/02 C12N15/09 C12N15/12 C12N5/10 C12N5/20 C12N9/00 C12P21/02 C12P21/08 C12Q1/02 C12Q1/68 G01N21/64 G01N21/76 G01N33/15 G01N33/48 G01N33/50 G01N33/53 G01N33/574 G01N33/577 (Advanced/Invention);
A01D34/02 C07K14/435 C12Q1/68 G01N33/53 G01N33/574 G01N33/577 (Core/Invention);
C12N (Subclass/Invention)

International (IPC 1-7): A61K31/70 A61K31/7088 A61K31/7105 A61K39/395 A61K45/00 A61K48/00 A61P1/00 A61P35/00 A61P35/04 C07H21/04 C07K1/00 C07K14/47 C07K14/82 C07K16/18 C07K16/30 C07K16/40 C07K19/00 C12N C12N1/00 C12N1/15 C12N1/19 C12N1/21 C12N15/09 C12N15/12 C12N5/06 C12N5/10 C12N9/00 C12P21/02 C12P21/08 C12Q1/02 C12Q1/68 G01N33/15 G01N33/48 G01N33/50 G01N33/53 G01N33/574

CPC: C12Q2600/106 C12Q2600/112 C12Q2600/158 C12Q2600/136 A01D34/005 A01D34/73 C07K14/4748 G01N2500/00 C12N9/00 C07K14/47 C12Q1/6886 G01N33/57419

European: A01D34/00A4 A01D34/73 C07K14/47 C07K14/47A34 C12N9/00 C12Q1/68M6B G01N33/574C6 M12Q600/106 M12Q600/112 M12Q600/136 M12Q600/158 S01N500/00

US: 424/155.1 424/155.100S 435/183 435/183S 435/252.3 435/252.33 435/320.1 435/320.100S 435/325 435/325S 435/330 435/331 435/346 435/348 435/362 435/369 435/6 435/6.11 435/6.110P 435/6.14 435/6.140P 435/69.1 435/69.100S 435/6P 435/7.1 435/7.100S 435/7.23 435/7.230S 435/7.9 435/7.900S 435/7.92 435/7.920P 435/723 436/501 436/64 514/44 514/44.00AP 514/44A 514/789 530/350 530/387.1 530/387.7 530/387.9 530/388.26 530/388.260S 530/388.8 530/389.1 530/389.7 530/391.3 536/23.2 536/23.200S 536/23.4 536/23.5 536/234 536/235 56/289



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WO04018647 A3	20051103	WO2003US27085	20030826
WO04018648 A2	20040304	WO2003US27086	20030826
WO04018648 A3	20050721	WO2003US27086	20030826

Priority:

US20010272206P 20010227 US20010281149P 20010402 US20010284555P 20010417
US20020087080 20020227 WO2002US06001 20020227 US20020229345 20020826
US20020406296P 20020827 US20020274177 20021018 US20030649591 20030826
US20030650112 20030826 WO2003US27085 20030826 WO2003US27086 20030826
US20050041788 20050121 US20050274634 20051114 US20060326753 20060106
US20090386176 20090413 US20120485519 20120531 US20130017511 20130904
US20130017740 20130904

Probable Assignee: CASE WESTERN RESERVE UNIV

Assignee(s): (std): MACK DAVID H ; MARKOWITZ SANFORD D ; MARKOWITZ SANFORD DAVID ; UNIV CASE WESTERN RESERVE ; STENS CORP ; CASE WESTERN RESERVE UNIV ; EOS BIOTECHNOLOGY INC

Assignee(s): HOWARD HUGHES MEDICAL INST ; NATIONAL INST ; SANFORD D MARKOWITZ ; NATIONAL INSTITUTES OF HEALTH NIH US DEPT OF HEA ; 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

Inventor(s): (std): MARKOWITZ SANFORD D ; SANFORD D MARKOWITZ ; SANFORD DAVID MARKOWITZ ; MARKOWITZ SANFORD DAVID ; MACK DAVID H ; DITTMER JOHN ; DAVID H MACK

Inventor(s): MARKOWITZ SANFORD

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; OGILVY RENAULT LLP SENCRL SRL; BORDEN LADNER GERVAIS LLP; SHUSA ENDOH; FISH AND NEAVE IP GROUP, ROPES AND GRAY LLP; FISH AND NEAVE IP GROUP ROPES AND GRAY LLP; MCANDREWS HELD AND MALLOY LTD; ROPES AND GRAY 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 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 NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

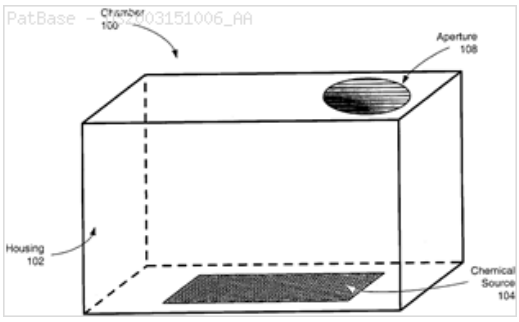
350) Family number: 28926783 (US2003151006A)

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Title: METHOD AND SYSTEM FOR DISSIPATING AND AMPLIFYING NATURAL EMISSIONS FROM A RESONANT CAVITY

Abstract: A system and method are provided to control the amplification of natural frequencies emanating from molecules, specifically insect sex pheromones. The pheromone molecules are deposited in a resonant cavity that allows the generation of coherent and/or semi-coherent radiation. The molecular emissions are amplified in the resonant cavity and allowed to escape through a small circular opening on top of the resonant cavity. The molecules and/or their emissions dissipate into the surroundings to attract insects towards the cavity. When the insect enters the resonant cavity, a trap door prevents the insect from exiting. The molecular emissions are produced by passive diffusion and passive amplification because no pumping radiation source is required. However pumping radiation can be integrated to assist the passive amplification or serve as a second attractant.

Classifications:
International (IPC 8-9): A01M1/00 A01M1/02 A01M1/10 A01M1/14 A01M1/22 A01M23/00 A01M5/00 A01N25/08
G01J5/04 (Advanced/Invention);
A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/04 A01N25/08
CPC: A01M1/02 A01M1/14 A01M1/145 A01M1/10 A01M1/226 A01M1/023
European: A01M1/02 A01M1/02C A01M1/14
US: 120/107 120/132.1 120/58 120/65 250/493.1 250/526 43/107 43/113 43/114 43/120 43/132.1 43/58 43/65



Family:

Publication number	Publication date	Application number	Application date
AU2003210970 AA	20030904	AU20030210970	20030211
AU2003210970 BB	20080821	AU20030210970	20030211
BRPI0307489 A	20041207	BR2003PI07489	20030211
BRPI0307489 B1	20140923	BR2003PI07489	20030211
IN01018KN2004 A	20060428	IN2004KN01018	20040719
IN237886 B	20100115	IN2004KN01018	20040719
US2003151006 AA	20030814	US20030354067	20030130
US2015150233 AA	20150604	US20140529584	20141031
US8893428 BB	20141125	US20030354067	20030130
US9775334 BB	20171003	US20140529584	20141031
WO03067980 A1	20030821	WO2003US04104	20030211

Priority:

US20020354946P 20020211 US20030354067 20030130 WO2003US04104 20030211
US20140529584 20141031

Probable Assignee: TECHNOLOGY SG LP

Assignee(s): (std): DYKSTRA THOMAS M ; TECH S G LP ; TECHNOLOGY S G LP ; TECHNOLOGY SG L P ; TECHNOLOGY S G L P

Assignee(s): TECHNOLOGY SG LP ; TECHNOLOGY SG

Inventor(s): (std): DYKSTRA THOMAS M

Inventor(s): THOMAS M DYKSTRA

Agent(s): HOULIHAN2; HOULIHAN²; HOULIHAN² PTY LTD; STERNE KESSLER GOLDSTEIN AND FOX PLLC

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 UZ VC VN YU ZA ZM ZW

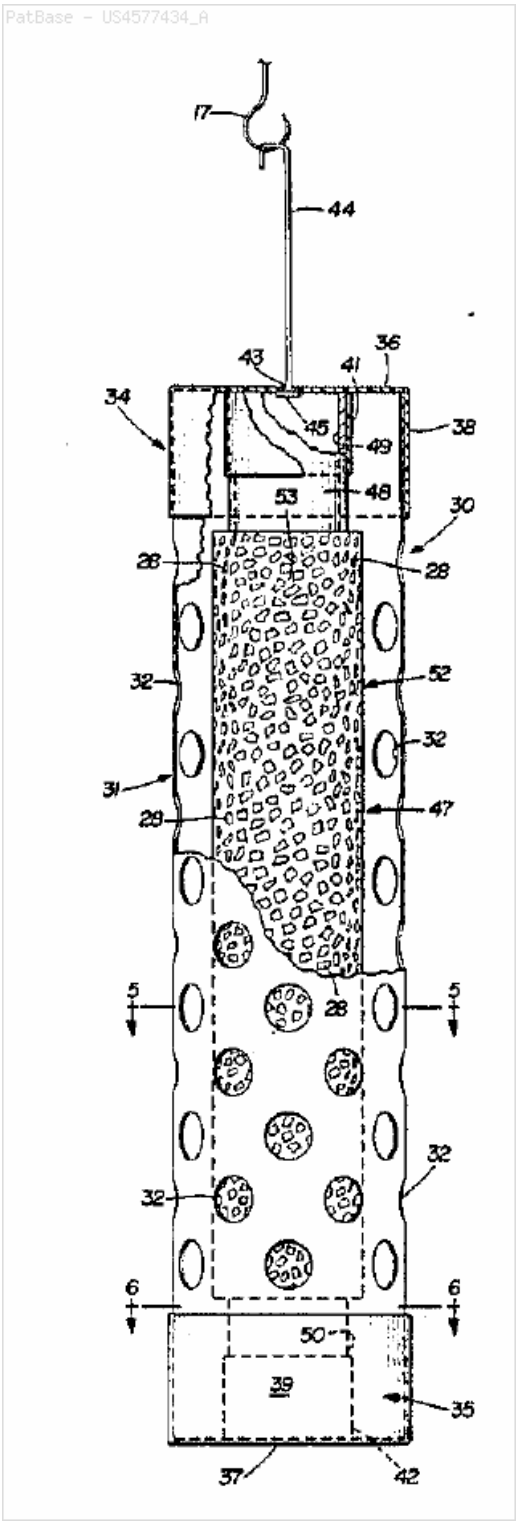
351) Family number: 4984790 (US4577434A)

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Title: FLYPAPER TRAP

Abstract: A flypaper trap has a clear plastic outer canister formed with a plurality of staggered insect inlet holes. The ends of the canister are closed by two plastic end caps. A hanger is attached to the top end cap for supporting the trap from a structure. In one embodiment, a roll of flypaper material has a plurality of prismatic metal flakes secured to the viscous tackifier material of the flypaper and the roll is uncoiled and extends throughout the canister interior. In a second embodiment, a cardboard tube is wrapped with layers of flypaper having the same prismatic metal flakes thereon. The flypaper layers are separated by a release paper to prevent the viscous tackifier material or coating of adjacent layers from sticking together. The tube is inserted into bosses formed on the inside of the end caps for positioning it within the canister. Upon the exposed flypaper becoming loaded with dead insects, another section of the prismatic flake coated tackifier material is unwrapped from the tube to provide a clean refill for the trap. The prismatic metal flakes reflect various colors which attract insects into the canister where they become stuck on the tackifier material. Any dead insects which fall from the flypaper drop into the bottom end cap for subsequent disposal.

Classifications:
International (IPC 8-9): A01M1/14 A01M1/16 (Advanced/Invention);
A01M1/00 (Core/Invention)
International (IPC 1-7): A01M1/14
CPC: A01M1/16 A01M1/145 A01M2200/012
European: A01M1/14 A01M1/14B A01M1/16 K01M200/012
K01M201/02
US: 43/114 43/115 431/150



Family:

Publication number	Publication date	Application number	Application date
US4577434 A	19860325	US19850712845	19850318

Priority:

US19840620818 19840615 US19850712845 19850318

Probable Assignee: DAVIS MITCHELL F

Assignee(s): (std)**:** DAVIS MITCHELL F

Inventor(s): (std)**:** DAVIS MITCHELL F

352) Family number: 41648790 (ES2293815B)

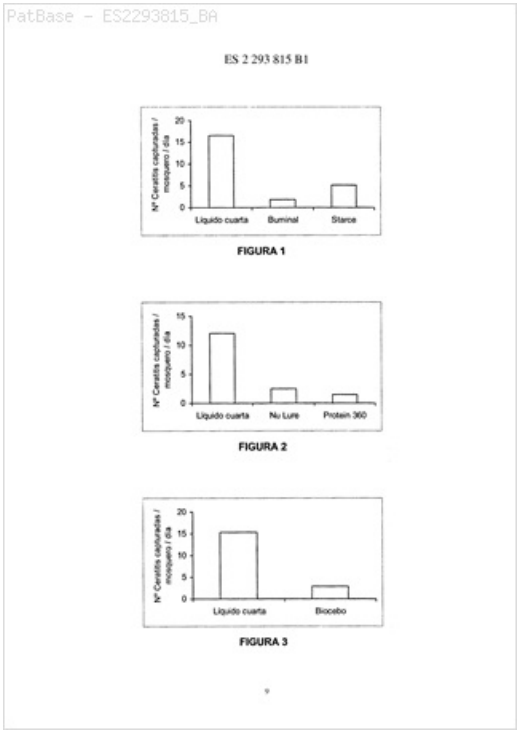
© PatBase

Title: ATRAYENTE PARA MOSCAS DE LA FRUTA

Abstract: Source: ES2293815B [ES] Atrayente para moscas de la fruta. La presente invencion se refiere al uso de composiciones que comprenden un hidrolizado enzimatico de proteinas de mucosa intestinal porcina, como atrayente para moscas de la fruta de la familia Tephritidae, especialmente para la especie *Ceratitis capitata* o mosca mediterranea de la fruta. Preferentemente el hidrolizado enzimatico de proteinas presenta un grado de hidrolisis superior al 55 percent y las composiciones contienen ademas acidos nucleicos. Las composiciones utilizadas en la presente invencion pueden provenir de

una hidrolisis enzimatica de mucosa intestinal porcina seguida de una separacion de heparina.

Classifications:
International (IPC 8-9): A01N63/02 (Advanced/Invention);
A01N63/02 (Core/Invention)
CPC: A01N63/02
European: A01N63/02



Family:

Publication number	Publication date	Application number	Application date
ES2293815 AA	20080316	ES20060000340	20060215
ES2293815 BA	20090316	ES20060000340	20060215

Priority:

ES20060000340 20060215

Probable Assignee: BIOIBERICA

Assignee(s): (std): BIOIBERICA

Assignee(s): BIOIBERICA S A ; BIOIBERICA SA

Inventor(s): (std): CERDA SUBIRACHS JOSEP MARIA ; ESCAICH FERRER JOSEP ; MARIN GARRIDO CANDIDO ; PINOL DASTIS RAFAEL ; SIERRAS SERRA NURIA

Inventor(s): CANDIDO MARIN GARRIDO ; RAFAEL PINOL DASTIS ; NURIA SIERRAS SERRA ; JOSEP ESCAICH FERRER ; JOSEP MARIA CERDA SUBIRACHS

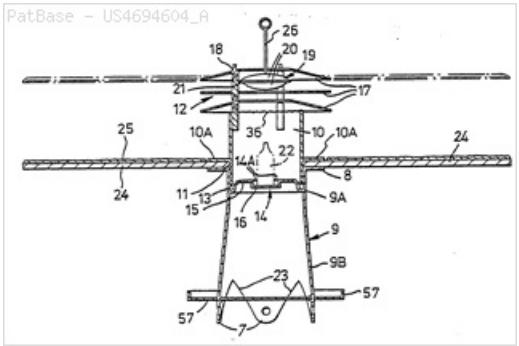
353) Family number: 1957791 (US4694604A)

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Title: GAS OR VAPOR DISPERSING APPARATUS

Abstract: PCT No. PCT/GB81/00133 Sec. 371 Date Mar. 9, 1982 Sec. 102(e) Date Mar. 9, 1982 PCT Filed Jul. 7, 1981 PCT Pub. No. WO82/00079 PCT Pub. Date Jan. 21, 1982.Apparatus for dispersing a gaseous or vaporized pheromone trail into the atmosphere under determined conditions comprises first container (10) in which a pheromone source (22) is located. Means (12) to create and upward draught is provided surmounting the first container (10). Flying insects lured by the trail enter the means 12 and into the first container (10) then to a second container (9) out of which they cannot escape. Alternatively, the insects land on a sticky insecticide from which they cannot escape.

Classifications:
International (IPC 8-9): A01K69/00 A01M1/02 A01M1/14 A01M1/20 A01M13/00 A01M5/06 A61L9/04 (Advanced/Invention);
A01M1/00 A01M1/02 A01M1/20 A01M13/00 A01M5/00 A61L9/04 (Core/Invention);
A01M A61L (Subclass/Invention)
International (IPC 1-7): A01K69/00 A01M1/02 A01M1/14 A01M13/00 A01M5/06 A01N1/02 A61L9/04 A61L9/12 B05B B65D
CPC: A01M1/02 A01M1/14 A01M1/20 A01M5/06 A01M2200/012
European: 30I5B A01M1/02 A01M1/02B A01M1/14 A01M1/20 A01M13/00 A01M5/06 K01M200/012 K01M201/02
US: 43/107 43/114 43/122



Family:

Publication number	Publication date	Application number	Application date
AT16232 E	19851115	AT19810901906T	19810707
AU198173284 A1	19820202	AU19810073284	19810707
AU553761 B2	19860724	AU19810073284	19810707
BE889552 A	19811103	BE19810205350	19810708
BR8108679 A	19820525	BR19810008679	19810707
CA1158438 A1	19831213	CA19810381252	19810707

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DK99182 A	19820308	DK19820000991	19820308
EP0055733 A1	19820714	EP19810901906	19810707
EP0055733 B1	19851030	EP19810901906	19810707
ES503788 A0	19820416	ES19810503788	19810708
ES8203559 A1	19820416	ES19810503788	19810708
FI65528 B	19840229	FI19820000798	19820308
FI65528 C	19840611	FI19820000798	19820308
FI820798 A	19820308	FI19820000798	19820308
FI820798 L	19820308	FI19820000798	19820308
GR74326 B	19840622	GR19810165446	19810708
HU38030 A2	19860428	HU19810003225	19810708
IT1211075 A	19890929	IT19810022809	19810708
IT8122809 A0	19810708	IT19810022809	19810708
JP57501310 T2	19820729	JP19810502271T	19810707
MC1450 A	19830201	MC19810001450D	19810707
MW1182 A	19831214	MW19820000011	19820308
NO820693 A	19820305	NO19820000693	19820305
NO820693 L	19820305	NO19820000693	19820305
NZ197651 A	19850712	NZ19810197651	19810708
US4694604 A	19870922	US19860901999	19860828
WO8200079 A1	19820121	WO1981GB00133	19810707
ZA8104548 A	19820728	ZA19810004548	19810706

Priority:

GB19800022349 19800708	GB19810017035 19810603	CA19810381252 19810707
EP19810901906 19810707	WO1981GB00133 19810707	US19840359652 19840309
US19850783065 19851002	US19860843878 19860326	

Probable Assignee: MITCHELL ARTHUR WILLIAM KILKEE

Assignee(s): (std)**:** MITCHELL A ; MITCHELL A W ; MITCHELL ARTHUR W ; MITCHELL ARTHUR WILLIAM KILKEE ; MITCHELL WILLIAM

Assignee(s): MITCHELL AW ; MITCHELL ARTHUR WILLIAM KILKEEL COUNTY DOWN IRLANDA DEL ; ARTHUR WILLIAM MITCHELL ; MITCHELL ARTHUR WILLIAM

Inventor(s): (std)**:** MITCHELL A ; MITCHELL A W ; MITCHELL ARTHUR W ; MITCHELL ARTHUR WILLIAM ; MITCHELL WILLIAM

Inventor(s): ARTHUR WILLIAM MITCHELL ; A W MITCHELL ; AW MITCHELL ; MITCHELL AW

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; FETHERSTONHAUGH AND CO

Designated states: AT AU BR CF CG CH CM DE DK FI FR GA GB HU JP KP LI LU MC MG MW NL NO RO SE SN SU TD TG US

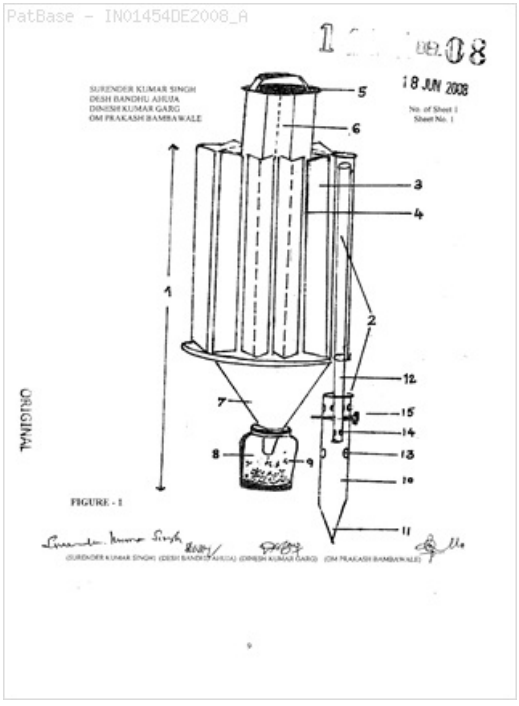
354) Family number: 42048792 (IN01454DE2008A)

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Title: NON STICKY INSECT TRAP

Abstract: Modern pest management can't operate without accurate estimates of pest and natural enemies' population densities in the fields. The present invention relates to a non-sticky insect trap. which can be used for insect monitoring or mass trapping purposes in the field. It comprises of a barrel shaped structure (having split walls moving inwards in a tapering fashion to facilitate an aperture near meeting ends; a lid on top portion having obstructive baffles; a funnel which ends in a detachable container). The barrel shaped structure is painted and fixed vertically in a telescopic arrangement which in turn fixed to the ground. The flying insects get hit by the baffles of the lid and fall into it which get collected in the container through the funnel.

Classifications:
International (IPC 1-7): A01M1/22



Family:

Publication number	Publication date	Application number	Application date

IN01454DE2008 A	20080725	IN2008DE01454	20080618
IN278215 B	20161223	IN2008DE01454	20080618

Priority:

IN2008DE01454 20080618

Probable Assignee: INDIAN COUNCIL OF AGRICULTURAL RESEARCH

Assignee(s): INDIAN COUNCIL OF AGRICULTURAL RESEARCH

Inventor(s): DINESH KUMAR GARG ; SURENDER KUMAR SINGH ; DESH BANDHU AHUJA ; OM PRAKASH BAMBAWALE

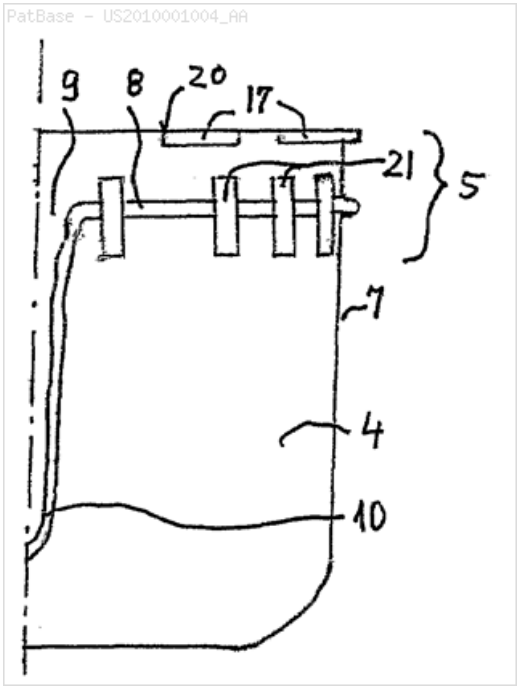
355) Family number: 41790800 (US2010001004A)

Title: APPARATUS FOR COLLECTING INSECTS, KITCHEN WASTE, DUST, OR THE LIKE, IN A COLLECTION BAG

Abstract: An apparatus for collecting insects, kitchen waste, dust or similar waste material, comprising a holding frame (1) in which a collecting bag (4) is received which has a cord (8), such that the bag can be closed by pulling the cord. An opening is provided in the frame, to lead the cord out towards the outside of the frame. The outside of the free edge area of the bag is fastened to the inside of the holding frame by means of at least one fastening device (13, 14), such that the fastening can be detached by pulling together the free edge of the bag while pulling the cord section led out of the same. The invention further relates to a collecting bag (4) which is provided with a cord (8) for pulling together the bag opening and with a fastening device (13, 14) for fastening in the frame (1).

Classifications:

International (IPC 8-9): A01M1/02 A01M1/06 B65D25/14 B65D30/10 B65D33/28 B65F1/06 B65F1/14 (Advanced/Invention);
A01M1/00 A01M1/02 B65D25/14 B65D30/10 B65D33/16 B65F1/04 B65F1/14 (Core/Invention)
CPC: A01M1/06 B65F1/0006 B65F1/06 B65F1/1415 B65F1/1426
European: A01M1/06 B65F1/00A B65F1/06 B65F1/14C1 B65F1/14D
US: 220/495.08 383/72



Family:

Publication number	Publication date	Application number	Application date
AU2007317051 AA	20080515	AU20070317051	20071108
DE102006052725 A1	20080515	DE200610052725	20061108
EP2086850 A1	20090812	EP20070856003	20071108
US2010001004 AA	20100107	US20070514224	20071108
WO08055494 A1	20080515	WO2007DE02030	20071108

Priority:

DE200610052725 20061108 WO2007DE002030 20071108

Probable Assignee: FRED SLOT

Assignee(s): (std): FRED SLOT ; SLOT FRED J M

Assignee(s): SLOT FRED JM

Inventor(s): (std): SLOT FRED J M ; SLOT

Inventor(s): FRED J M SLOT ; SLOT FRED JM

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; VIERING JENTSCHURA AND PARTNER; CAHN AND SAMUELS LLP; VIERING HANS MARTIN

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

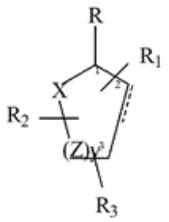
356) Family number: 55108801 (US2014323561A)

Title: CONTROL AND REPELLENCY OF BITING FLIES, HOUSE FLIES, TICKS, ANTS, FLEAS, BITING MIDGES, COCKROACHES, SPIDERS AND STINK BUGS

Abstract: Control and repellency of biting flies, house flies, ticks, ants, fleas, biting midges, cockroaches, spiders and stink bugs is obtained by contact of the insects with at least one of the compounds of the structure (I).

Classifications:
International (IPC 8-9): A01M1/20 A01M29/12 A01N31/06 A01N35/00 A01N35/06 A01N37/08 A01N37/10 A01N37/16 A01N37/18 A01N37/36 A01N37/42 A01N43/08 A01N43/16 A01P17/00 A01P7/00 A01P7/04 A1N35/00 A1N37/16 A61K8/33 A61K8/34 A61K8/35 A61K8/37 A61K8/42 A61K8/49 A61Q17/02 C07C235/74 C07C35/06 C07C35/18 C07C49/603 C07C49/647 C07C69/608 C07D307/28 C07D309/18 C7C69/608 (Advanced/Invention)
CPC: A01N31/06 A01N35/06 A01N43/08 A01N49/00 C07C235/74 C07C49/647 C07C35/06 C07C49/603 C07C35/18 C07D307/28 C07D309/18 A01N43/16 A01N37/36 A01N37/42
US: 514/460 514/473 514/530 514/613 514/617 514/690 514/729

PatBase - WO15061318_A2



(I)

Family:

Publication number	Publication date	Application number	Application date
CA2924409 AA	20160314	CA20142924409	20141021
CA3015824 AA	20150430	CA20143015824	20141021
CN104334020 A	20150204	CN201380022885	20130430
CN104334020 B	20170815	CN201380022885	20130430
EP2846636 A1	20150318	EP20130785212	20130430
EP2846636 A4	20160309	EP20130785212	20130430
EP3254561 A1	20171213	EP20170179715	20130430
JP2015515980 T2	20150604	JP20150510251T	20130430
JP2016535086 T2	20161110	JP20160549219T	20141021
JP6133405 B2	20170524	JP20150510251T	20130430
MX2016004752 A1	20160726	MX20160004752	20141021
US2014323561 AA	20141030	US20130998326	20131021
US2018146668 AA	20180531	US20180878455	20180124
US9924718 BB	20180327	US20130998326	20131021
WO13165479 A1	20131107	WO2013US00123	20130430
WO15061318 A2	20150430	WO2014US61579	20141021
WO15061318 A3	20150813	WO2014US61579	20141021

Priority:

US20120687917P 20120502 EP20130785212 20130430 WO2013US00123 20130430
US20130998326 20131021 CA20142924409 20141021 WO2014US61579 20141021
US20180878455 20180124 CA20182924409 20180904

Probable Assignee: BEDOUKIAN RESEARCH INC

Assignee(s): (std): BEDOUKIAN RES INC ; BEDOUKIAN ROBERT H

Assignee(s): BEDOUKAN RESEARCH INC ; BEDOUKIAN RESEARCH INC

Inventor(s): (std): BEDOUKIAN ROBERT H

Inventor(s): ROBERT H BEDOUKIAN

Agent(s): AIRD AND BERLIS IP PARTNERSHIP LTD; AIRD AND MCBURNEY LP; VON KREISLER SELTING WERNER PARTNERSCHAFT VON PATENTANWAELTEN U RECHTSANWAELTEN MBB; DOMPATENT VON KREISLER SELTING WERNER PARTNERSCHAFT VON PATENT U RECHTSANWAELTEN MBB; IMASHITA KATSUHIRO; OKADA KENJI; OHLANDT GREENLEY RUGGIERO AND PERLE LLP; RAUHFUSS GEORGE W JR; GREELEY PAUL D

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

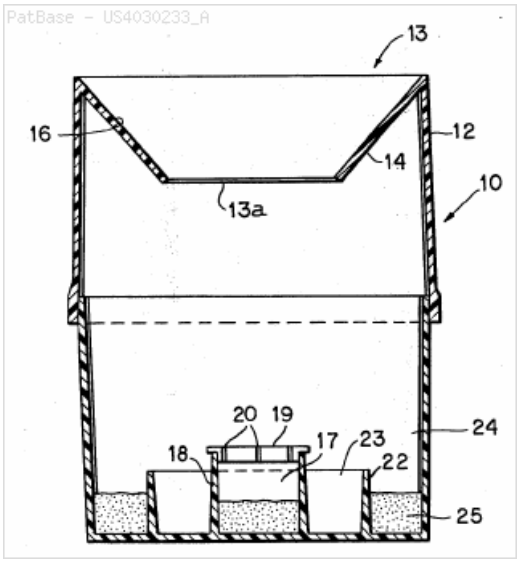
357) Family number: 1406801 (US4030233A)

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Title: Cockroach trap

Abstract: A trap for crawling insects, such as cockroaches, comprises a container with a detachable lid having an opening large enough to admit an insect, this opening giving access to a supply of bait on the container bottom. A downward extension of the lid adjacent its opening, such as a collar surrounding that opening, terminates high enough above the bottom to allow the insect to drop down onto the bait but not to return to the opening by the same path. The inner peripheral wall of the container is coated with a slippery film, preventing the insect from climbing that wall. The bait may be contained in a cup-shaped receptacle on the container bottom.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/10
CPC: A01M1/02 A01M1/103 A01M2200/011
European: A01M1/02 A01M1/10 A01M1/10C K01M200/011 K01M201/01
US: 43/121



Family:

Publication number	Publication date	Application number	Application date
US4030233 A	19770621	US19750640386	19751212

Priority:

US19750640386 19751212

Probable Assignee: WUNSCHE ANTON E

Assignee(s): (std)**:** WUNSCHE ANTON E

Inventor(s): (std)**:** WUNSCHE ANTON E

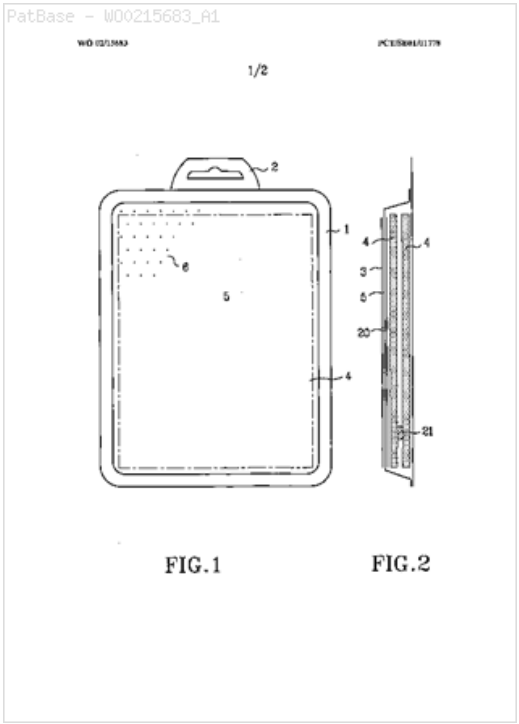
358) Family number: 14615803 (WO0215683A1)

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Title: TRAP

Abstract: The present invention relates to a trap for CO2-attracted insects, such as mosquitos and other insects attracted by a volatile agent, the trapping taking place by means of an adhesive layer, whereby it comprises a) an adhesive layer; and b) an attractant releasing spongy material.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/14 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/14
CPC: Y02A50/371 A01M1/023 A01M1/14 A01M1/145 A01M2200/012
European: A01M1/02B A01M1/02C A01M1/14 A01M1/14B A01M1/20C K01M200/012 K01M201/02



Family:

Publication number	Publication date	Application number	Application date
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AU200182770 A1	20020304	AU20010082770	20010820
AU200182770 A5	20020304	AU20010082770	20010820
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GB2365746 B2	20040324	GB20000020589	20000821
WO0215683 A1	20020228	WO2001SE01778	20010820

Priority:

GB20000020589 20000821 WO2001SE01778 20010820

Probable Assignee: MICROTECH RES LTD

Assignee(s): (std): ANDERSEN TORBEN ; FLY CITY AB ; GATES CHRISTOPHER ; MICROTECH PRODUCTION HOLDING U ; MICROTECH RES LTD

Assignee(s): MICROTECH PRODUCTION HOLDING UK PLC ; MICROTECH RESEARCH LTD ; MICROTECH RESEARCH LIMITED

Inventor(s): (std): ANDERSEN TORBEN ; ANDERSON TORBEN ; GATES CHRISTOPHER

Inventor(s): TORBEN ANDERSEN ; TORBEN ANDERSON ; CHRISTOPHER GATES

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 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 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

359) Family number: 42776808 (US2009008411A)

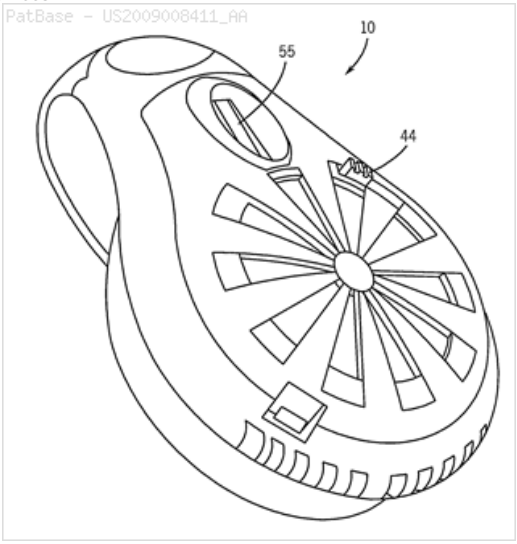
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Title: WEARABLE CHEMCIAL DISPENSER

Abstract: Disclosed herein are wearable devices for dispensing insect repellents, fragrances, and/or other chemicals along the outside of the clothing of a human, to avoid the need to apply such chemicals directly to clothing or to human's skin. The devices have an on/off switch that automatically controls a shutter which enables and restricts air flow, while also controlling fan operation and covering of a use-up cue. The device also is designed to prevent fan operation when an impregnated slab is not present. Also disclosed are preferred refills for use with such devices.

Classifications:

International (IPC 8-9): A01M1/20 A01M13/00 A01M7/00 A24F25/00 A61L9/00 A61L9/04 A61L9/12 A61M16/00 A62B7/08 B05B1/00 B05B15/06 F26B17/00 F26B19/00 (Advanced/Invention);
A01M1/20 A61L9/12 (Advanced/Non-invention);
A01M1/20 A61L9/12 B05B15/00 (Core/Invention)
International (IPC 1-7): A61L9/12
CPC: A01M1/2033 A01M1/2055 A61L9/122
European: A01M1/20C2F A01M1/20C2S A61L9/12F
US: 222/175 239/35 239/55 239/56 239/60 239/60P 34/192 34/579 34/587 34/87 392/390 422/1 422/123 422/124 422/125 422/5 43/1 43/125



Family:

Publication number	Publication date	Application number	Application date
AR067856 AA	20091028	AR2008P102862	20080702
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AU2008270998 BB	20120927	AU20080270998	20080702
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BRPI0813762 B1	20161220	BR2008PI13762	20080702
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CA2762931 AA	20090108	CA20082762931	20080702
CA2762931 C	20150616	CA20082762931	20080702
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JP2013172718 A2	20130905	JP20130063867	20130326
JP5235990 B2	20130710	JP20100514879T	20080702
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KR20100051792 A	20100518	KR20107001233	20080702
TW200911378 A	20090316	TW20080124304	20080627
US2009008411 AA	20090108	US20070773097	20070703
US2010270393 AA	20101028	US20100822791	20100624
US7833492 BB	20101116	US20070773097	20070703
US7917018 BB	20110329	US20100822791	20100624
WO09005833 A2	20090108	WO2008US08289	20080702
WO09005833 A3	20090305	WO2008US08289	20080702

Priority:

US20070773097 20070703 CA20082689532 20080702 CA20082762931 20080702
JP20100514879 20080702 JP20100514879T 20080702 WO2008US08289 20080702
US20100822791 20100624 CA20122689532 20120116

Probable Assignee: SC JOHNSON AND SON INC

Assignee(s): (std): ALFARO RAYMUND J ; DEGRAFT JOHNSON KWAMENA GYAKYE ; DUSTON TYLER D ; HUDAK MICHAEL T ; JOHNSON AND SON INC S C ; KINGSTON SEAN P ; SCHUMACHER DONALD J ; NICKEL DIRK K ;

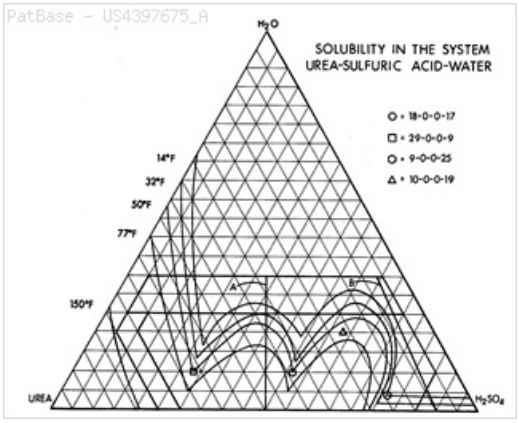
	MAGHASI ANNE T ; S C JOHNSON AND AMP SON INC
Assignee(s):	SC JOHNSON AND SON INC ; S C JOHNSON AND SON INC
Inventor(s): (std):	DEGRAFT JOHNSON KWAMENA GYAKYE ; ALFARO RAYMUND J ; SCHUMACHER DONALD J ; HUDAK MICHAEL T ; DUSTON TYLER D ; NICKEL DIRK K ; KINGSTON SEAN P ; MAGHASI ANNE T ; GYAKYE DEGRAFT JOHNSON KWAMENA ; DE GRAFT JOHNSON KWAMENA GYAKYE ; SHUMACHER DONALD J
Inventor(s):	DONALD J SHUMACHER ; MICHAEL T HUDAK ; TYLER D DUSTON ; DIRK K NICKEL ; RAYMUND J ALFARO ; DONALD J SCHUMACHER ; ANNE T MAGHASI ; KWAMENA GYAKYE DEGRAFT JOHNSON ; SEAN P KINGSTON
Agent(s):	SPRUSON AND FERGUSON; BERESKIN AND PARR LLP SENCRL SRL; RUSCHKE HANS EDVARD; SC JOHNSON AND SON INC; MAURER BRANT T
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 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

360) Family number: 28673809 (US4397675A)

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Title: Method of producing urea-sulfuric acid reaction products

Abstract: Stable, urea-sulfuric acid reaction products of predetermined composition containing mono- and/or diurea sulfates and less than 35 weight percent water are produced from concentrated, urea-sulfuric acid reaction product feeds of different compositions by simultaneously and separately adding a selected feed solution and reactant urea and/or sulfuric acid, and optionally water, to a reaction zone in stoichiometric proportions so that the composition of the total feed to the reaction zone corresponds to the predetermined composition. Reaction temperature is maintained at a level below the incipient decomposition temperature of the predetermined composition, and the resulting products are essentially or completely free of sulfamic acid and/or ammonium sulfamate. Depending upon the relative proportions of unreacted sulfuric acid and urea in the total feed, the reaction may be exothermic or endothermic and, when desired, the otherwise endothermic reactions can be made exothermic by the reaction of excess urea and sulfuric acid to autogenously maintain the desired reaction temperature.



Classifications:
International (IPC 8-9): A01N57/20 A01N59/02 B01J31/02 B27K5/00 C05C9/00 C07F9/38 C08B15/00 C08F4/00 C08F8/12 C08K3/36 C23C18/38 C23F11/04 C25D3/02 C25D3/38 C25F5/00 (Advanced/Invention);
H05K3/07 (Advanced/Non-invention);
A01N57/00 A01N59/02 B27K5/00 C05C9/00 C07F9/00 C08B15/00 C08F8/00 C23F11/04 (Core/Invention);
A01N C01B C07F (Subclass/Invention)
International (IPC 1-7): A01C1/00 A01N25/02 A01N25/30 A01N31/00 A01N37/16 A01N37/18 A01N47/20 A01N47/28 A01N57/00 A01N57/04 A01N57/12 A01N57/18 A01N57/20 A01N59/00 A01N59/02 A23K1/22 A61K31/10 B01J23/00 B01J31/00 B01J31/02 B05D3/02 B08B3/08 B08B9/00 B29C17/08 C05C9/00 C05F11/00 C07B47/00 C07C101/02 C07C103/365 C07C127/01 C07C127/19 C07C127/22 C07C149/40 C07C153/057 C07C157/12 C07C163/00 C07C2/02 C07C2/04 C07C2/16 C07C2/56 C07C2/66 C07C2/84 C07C2/86 C07C275/00 C07C5/00 C07C5/03 C07C5/27 C07C67/08 C07C69/60 C07C76/02 C07C79/10 C07D147/82 C07F9/38 C07K1/12 C07K3/10 C07L5/22 C07L5/23 C08B1/02 C08B15/00 C08F2/00 C08F20/42 C08F4/00 C08F8/12 C08F8/34 C08H5/04 C08K3/36 C08L89/00 C09K3/00 C11D7/08 C11D7/32 C13K1/02 C13K1/06 C23F11/16 C23F11/18 C23G1/02 C23G3/04 C25D3/00 C25D3/02 C25F3/00 H01M6/04 H01M6/16
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European: A01N57/20 A01N59/02 B01J31/02E2L2 B01J31/02E2L6 C05C9/00 C07F9/38A1U C08K3/36 C23C18/38 C23F11/04 C23G1/08B C25D3/02 C25D3/38 C25F5/00 T05K3/07
US: 106/14.15 106/14.21 106/14.33 127/29 127/34 127/37 127/38 127/42 134/19 134/22.11 134/22.14 134/27 134/3 134/38 134/40 134/41 134/42 204/45.1 205/234 205/261 205/263 205/264 205/265 205/267 205/270 205/271 205/283 205/296 205/302 205/311 205/313 205/675 205/678 205/684 216/83 252/1 252/142 252/148 252/182 252/183.13 252/387 252/389.1 252/389R 252/391 252/545 252/62.2 252/87 422/12 422/16 424/400 424/713 426/442 426/69 427/308 427/319 427/320 427/325 429/198 429/203 429/204 429/347 47/57.6 502/100 502/159 502/167 502/168 502/200 502/215 502/216 502/420 502/509 504/113 504/121 504/122 504/123 504/124 504/125 504/127 504/130 504/133 504/137 504/140 504/143 504/148 504/149 504/173 504/183 504/186 504/196 504/201 504/203 504/205 504/206 504/326 504/327 504/328 504/329 504/330 504/332 504/339 504/362 510/108 510/188 510/195 510/247 510/253 510/362 510/405 510/494 510/501 514/588 524/493 524/611 525/350 525/384 525/385 525/418 525/467 525/54.1 526/220 527/200 527/203 527/300 527/312 536/35 540/145 546/234 546/348 558/230 558/250 560/1 560/129 560/152 560/155 560/234 560/8 562/426 562/507 562/512 564/17 564/3 564/39 564/463 564/486 564/63 564/68 564/73 564/75 568/38 568/579 568/700 568/868 568/907 568/908 585/250 585/261 585/262 585/266 585/425 585/428 585/458 585/469 585/477 585/515 585/526 585/641 585/642 585/643 585/668 585/708 585/709 585/731 585/732 585/733 585/734 71/118 71/23 71/28 71/40 71/43 71/64.08 71/64.1 71/99 71/DIG.4

Family:

Publication number	Publication date	Application number	Application date
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US5116401 A	19920526	US19890306529	19890203
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Priority:

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Probable Assignee: ENTEK CORP

Assignee(s): (std): MOBAY CHEMICAL CORP ; UNION OIL CO ; YOUNG DONALD C

Assignee(s): ENTEK CORP ; MOBAY CHEMICAL A NJ CORP CORP ; UNION OIL CO CALIF ; UNION OIL CO OF CALIFORNIA A CORPOF CALIF ; UNION OIL CO OF CALIFORNIA ; UNOCAL CORP ; UNION OIL CO OF CALIFORNIA LOS ANGLES CALIFORNIA A ; UNION OIL CO OF CALIFORNIA LOS ANGELES CA A CORP O ; UNION OIL CO OF CALIFORNIA A CORP OF CA ; UNION OIL CO OF CALIFORNIA LOS ANGELES CA A CA COR ; UNION OIL CO OF CALIFORNIA A CA CORP ; UNION OIL CO OF CA ; UNION OIL CO OF CALIFORNIA LOS ANGELES CALIFORNIA ; UNION OIL CO OF CALIFORNIA LOS ANGELES CALIF US ; UNION OIL CO OF CALIFORNIA LOS ANGELES CALIF

Inventor(s): (std): LIM IN C ; CARTER JR RUSSELL P ; REINERT GERARD E ; DONARUDO SHII YANGU ; YOUNG DONALD CHRISTOPHER ; DONALD CLIFFORD YOUNG ; YOUNG DONALD C

Inventor(s): DONALD C YOUNG

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; FETHERSTONHAUGH AND CO; REINHOLD COHN AND PARTNERS

Designated states: AT BE CH DE ES FR GB GR IT LI LU NL SE

361) Family number: 42396812 (US2010233153A)

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Title: NOVEL GENE DISRUPTIONS, COMPOSITIONS AND THE METHODS RELATING THERETO

Abstract: The present invention relates to transgenic animals, as well as compositions and methods relating to the characterization of gene function. Specifically, the present invention provides transgenic mice comprising disruptions in PRO1105, PRO1279 or PRO1783 genes. Such in vivo studies and characterizations may provide valuable identification and discovery of therapeutics and/or treatments useful in the prevention, amelioration or correction of diseases or dysfunctions associated with gene disruptions such as neurological disorders; cardiovascular, endothelial or angiogenic disorders; eye abnormalities; immunological disorders; oncological disorders; bone metabolic abnormalities or disorders; lipid metabolic disorders; or developmental abnormalities.

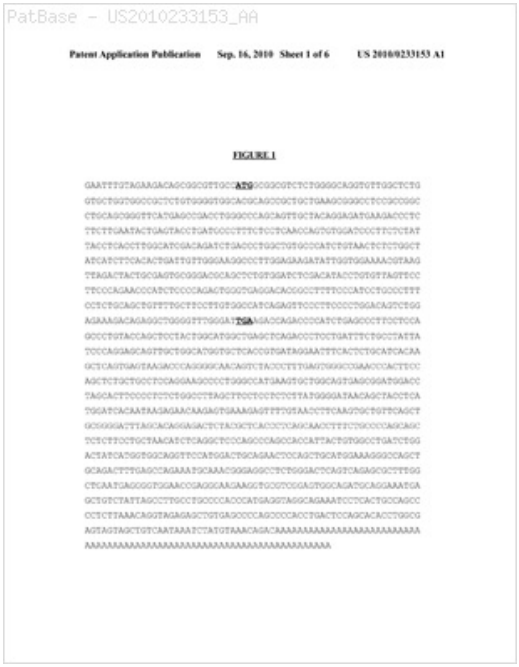
Classifications:

International (IPC 8-9): A01K67/00 A01K67/027 A61K38/00 A61K39/395 A61K45/00 A61K49/00 A61P1/04 A61P1/16 A61P11/06 A61P13/12 A61P17/00 A61P19/00 A61P19/02 A61P19/08 A61P19/10 A61P21/00 A61P25/00 A61P25/02 A61P25/14 A61P25/18 A61P25/20 A61P25/22 A61P25/24 A61P25/28 A61P27/02 A61P27/06 A61P27/12 A61P29/00 A61P3/06 A61P3/10 A61P35/00 A61P37/02 A61P37/06 A61P37/08 A61P5/18 A61P9/00 A61P9/04 A61P9/10 A61P9/12 C07K16/00 C07K16/18 C12N15/00 C12N15/85 C12N5/00 C12N5/06 C12N5/10 C12Q1/00 C12Q1/02 G01N33/15
G01N33/50 (Advanced/Invention);
C12N15/09 (Advanced/Non-invention);
A01K67/00 A01K67/027 A61K38/00 A61K39/395 A61K45/00 A61K49/00 A61P1/00 A61P11/00 A61P13/00 A61P17/00 A61P19/00 A61P21/00 A61P25/00 A61P27/00 A61P29/00 A61P3/00 A61P35/00 A61P37/00 A61P5/00 A61P9/00 C07K16/00 C12N15/85 C12N5/00 C12N5/06 C12N5/10 C12Q1/02 G01N33/15
G01N33/50 (Core/Invention);
C12N15/09 (Core/Non-invention)

CPC: A01K67/0276 A01K2217/075 A01K2227/105 A01K2267/03 A61K49/0008 C12N15/8509

European: A01K67/027M2 A61K49/00H6 C12N15/85A K01K217/07B K01K227/10M K01K267/03

US: 424/130.1 424/130.100P 435/29 435/29S 435/354 435/354S 530/389.1 530/389.100S 800/13 800/13S 800/3 800/3S


PatBase – US2010233153_A1

Patent Application Publication Sep. 16, 2010 Sheet 1 of 6 US 2010/0233153 A1

FIGURE 1

Family:

Publication number	Publication date	Application number	Application date
AU2007351501 AA	20081023	AU20070351501	20071001
CA2663523 AA	20090313	CA20072663523	20071001
EP2082052 A2	20090729	EP20070873515	20071001
JP2010515428 T2	20100513	JP20090537255T	20071001
US2010233153 AA	20100916	US20070375662	20071001
WO08127352 A2	20081023	WO2007US80102	20071001
WO08127352 A3	20090514	WO2007US80102	20071001

Priority:

US20060865777P 20061114 US20070375662 20071001 WO2007US80102 20071001

Probable Assignee: GENENTECH INC

Assignee(s): (std): DESAUVAGE FREDERIC ; FILVAROFF ELLEN ; GENENTECH INC ; RANGEL CAROLINA ; MINZE LAURIE JEANETTE ; VOGEL PETER ; KLAMER MARK ALAN ; SHI ZHENG ZHENG ; PAYNE BOBBY JOE ; LEXICON PHARMACEUTICALS INC ; BORROMEO MARK DOMINIC ; CUNNINGHAM JAIME JO

Assignee(s): DE SAUVAGE FREDERIC ; GENETECH INC

Inventor(s): (std): CUNNINGHAM JAIME JO ; RANGEL CAROLINA ; FILVAROFF ELLEN ; DESAUVAGE FREDERIC ; BORROMEO MARK DOMINIC ; MINZE LAURIE JEANETTE ; KLAMER MARK ALAN ; SHI ZHENG ZHENG ; PAYNE BOBBY JOE ; VOGEL PETER ; DESAUVAGE FREDERICK

Inventor(s): DE SAUVAGE FREDERIC ; LAURIE JEANETTE MINZE ; MARK ALAN KLAMER ; CAROLINA RANGEL ; BOBBY JOE PAYNE ; ZHENG ZHENG SHI ; JAIME JO CUNNINGHAM ; MARK DOMINIC BORROMEO ; FREDERIC DESAUVAGE ; PETER VOGEL ; ELLEN FILVAROFF

Agent(s): GRIFFITH HACK; SMART AND BIGGAR; DENISON CHRISTOPHER MARCUS; GENENTECH INC; DREGER GINGER R

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

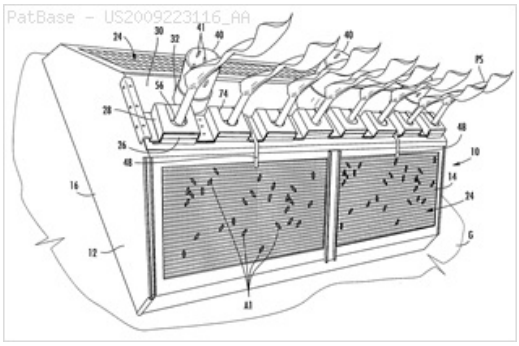
362) Family number: 43706814 (US2009223116A)

© PatBase

Title: APPARATUSES FOR CAPTURING INSECTS AND RELATED METHODS

Abstract: The presently disclosed subject matter provides an apparatus for trapping insects for purposes of monitoring insect load and in some cases studying the captured insects, and methods for using the same. Specifically, the present disclosure relates to an apparatus for trapping insects once they emerge from the soil, such as corn rootworm beetles and related insects, and methods for assembling and using the same. The apparatus comprises a frame having an open bottom and a removable top panel having at least one plant slot configured to receive a plant and a capture chamber opening configured to receive a capture chamber; a flexible sealing structure configured to seal the plant slot on the top panel; and a securing mechanism configured to secure the flexible sealing structure such that a seal is created about the plant to prevent the egress of the insects about the plant.

Classifications:
International (IPC 8-9): A01K29/00 A01M A01M1/00 A01M1/02 A01M1/10 (Advanced/Invention);
A01K29/00 A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/10
CPC: A01M1/026 A01M2200/012
European: A01M1/02E K01M200/012
US: 1/1 119/6.5 43/107 43/118 43/121 43/122



Family:

Publication number	Publication date	Application number	Application date
BRPI0909107 A2	20190226	BR2009PI09107	20090218
CA2716629 AA	20100823	CA20092716629	20090218
CA2716629 C	20130618	CA20092716629	20090218
CN101977497 A	20110216	CN200980109837	20090218
CN101977497 B	20121107	CN200980109837	20090218
IN01772MN2010 A	20110114	IN2010MN01772	20100820
MX2010009579 A1	20100924	MX20100009579	20090218
US2009223116 AA	20090910	US20090392365	20090225
US9044001 BB	20150602	US20090392365	20090225
WO09111160 A1	20090911	WO2009US34341	20090218
ZA201005821 A	20110525	ZA20100005821	20100816

Priority:

US20080068040P 20080304 WO2009US34341 20090218 US20090392365 20090225

Probable Assignee: SYNGENTA AG

Assignee(s): (std): CASSELMAN DANIEL ; MEGHJI MOEZ ; SYNGENTA AG ; SYNGENTA PARTICIPATIONS AG ; WHITE JAMES

Assignee(s): SYNGENTA PATICIPATIONS AG

Inventor(s): (std): WHITE JAMES ; CASSELMAN DANIEL ; MEGHJI MOEZ ; MOEZ MEGHJI ; JAMES WHITE ; DANIEL CASSELMAN

Agent(s): FETHERSTONHAUGH AND CO; SYNGENTA BIOTECHNOLOGY INC PATENT DEPARTMENT; R KODY; SYNGENTA PARTICIPATIONS AG

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

363) Family number: 28855815 (EP1334660A1)

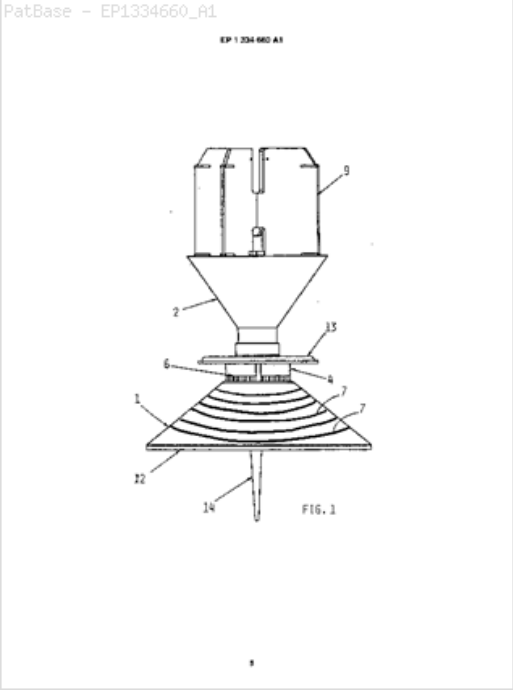
© PatBase

Title: Improved trap for insects

Abstract: Trap to capture insects including a lower container, an upper funnel-shaped device with a lower unloading hole, one or more lures placed in the funnel, in which:
• said first lower container is in the shape of a frustum of cone and is provided, on its upper base, with an opening placed below said unloading hole of said funnel-shaped device;
• between the opening of said upper base and said lower unloading hole there is a duct connecting said lower container and said funnel-shaped device, which is provided with a series of predefined holes. The latter are placed along the lower portion of said duct. Below said first lower container can be placed a second container open in the upper part, at the level of the base

of said first container.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/02 A01M1/10
CPC: A01M1/02 A01M1/103 A01M1/106 A01M2200/011 A01M2200/012
European: A01M1/02 A01M1/02A A01M1/02B A01M1/10 A01M1/10C A01M1/10F K01M200/011 K01M200/012 K01M201/01 K01M201/02



Family:

Publication number	Publication date	Application number	Application date
EP1334660 A1	20030813	EP20030001004	20030117
ITPN20020007 U1	20030811	IT2002PN00007U	20020211

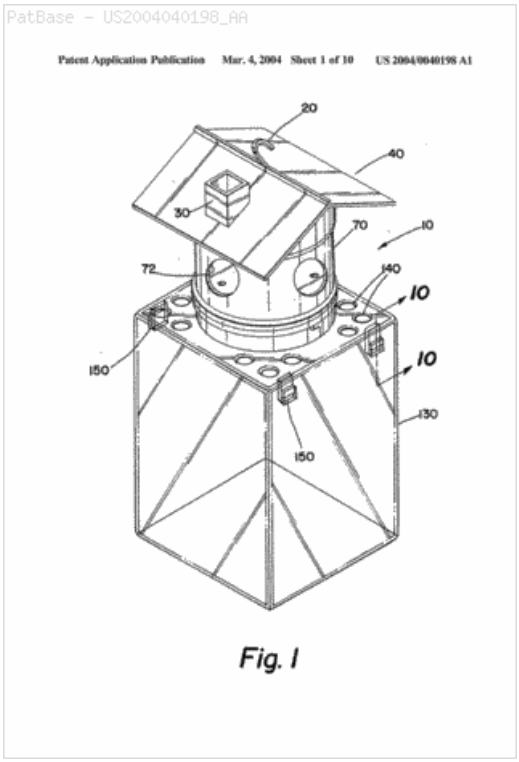
Priority:
IT2002PN00007U 20020211

Probable Assignee: FURLAN LORENZO
Assignee(s): (std): FURLAN LORENZO
Inventor(s): (std): FURLAN LORENZO ; GNES CARLO
Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

364) Family number: 30347815 (US2004040198A)

Title: ARTHROPOD CONTAINMENT TRAP

Abstract: The present invention is an arthropod trap including a housing and containment chamber. The housing includes external openings, an overhang, and an internal tube and plate with entry ports. Attracted by bait in the containment chamber, arthropods fly in through the external openings, and then travel through the entry ports in the plate into the containment chamber. Alternatively, arthropods can directly enter the containment chamber through optional entry ports. The containment chamber can be a box or other rigid container, or a bag. This trap can be used to contain or monitor the populations of many different types of flying arthropods, including but not limited to flies, wasps, and yellow jackets.
Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/20
CPC: A01M1/02 A01M1/026 A01M1/106 A01M2200/012
European: A01M1/02 A01M1/02A A01M1/02E A01M1/10 A01M1/10F K01M200/012 K01M201/02
US: 43/107 43/122



Family:

Publication number	Publication date	Application number	Application date
US2004040198 AA	20040304	US20020228606	20020827
US7082712 BB	20060801	US20020228606	20020827

Priority:

US20020228606 20020827

Probable Assignee: BRIDGES ROY

Assignee(s): (std)**:** BRIDGES ROY ; HARRIS DAVID ; MAFRA NETO AGENOR

Inventor(s): (std)**:** BRIDGES ROY ; HARRIS DAVID ; MAFRA NETO AGENOR

Agent(s): MATTHEW J; DANIEL P

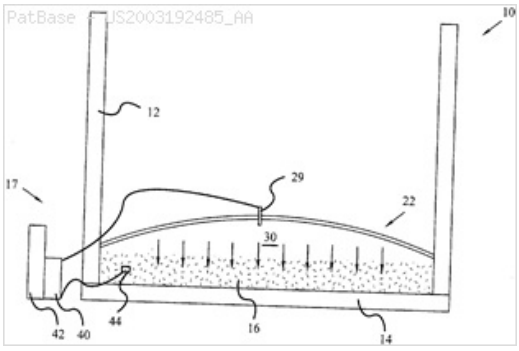
365) Family number: 30043815 (US2003192485A)

© PatBase

Title: METHOD AND SYSTEMS FOR DISINFECTING ANIMAL BEDDING AND STALLS

Abstract: Animal bedding disinfecting methods and systems are disclosed that facilitate removal of contaminants and pathogens from reusable animal bedding. A disinfecting method includes: preparing soiled animal bedding for disinfecting; disinfecting the soiled animal bedding; and reusing the disinfected animal bedding. A disinfecting system for supplying at least one disinfecting medium to animal bedding includes: a cover configured to create a controlled environment around the animal bedding; and at least one disinfecting medium reservoir associated with the cover configured to supply at least one disinfecting medium to the animal bedding within the controlled environment. A disinfecting system for supplying heat to animal bedding includes a heating cover configured both to create a controlled environment around the animal bedding and to supply heat at a temperature of at least approximately 200 degrees Fahrenheit for a time period of at least approximately 5 minutes to the animal bedding.

Classifications:
International (IPC 8-9): A01K1/00 A01K1/01 A01K1/015 A01K31/00 A01K31/04 (Advanced/Invention);
A01K1/00 A01K1/01 A01K1/015 A01K31/00 (Core/Invention)
International (IPC 1-7): A01C A01K0/0 A01K0/00 A01K1/01 A01K1/015 A01K29/00 A01K31/00 A01M13/00 A01N A47C21/04 A47L B01J20/10 B01J20/12 B01J21/16 B01J27/16 B07B4/00 B07B9/02 C04B14/04
CPC: A01K1/0047 A01K31/007 A01K31/04 Y10T428/2443 A01K1/0107 A01K1/015 A01K1/0152
European: A01K1/00D A01K1/015 A01K1/015B A01K1/01B A01K31/00D2 A01K31/04
US: 106/486 119/171 119/173 119/486 119/526 209/133 209/138 209/139.1 209/143 428/150 502/411 502/72 502/8 502/80



Family:

Publication number	Publication date	Application number	Application date
AU2003230853 AA	20031027	AU20030230853	20030409
AU2003230853 AH	20031027	AU20030230853	20030409
AU2003234646 AA	20031219	AU20030234646	20030529
AU2003234646 AH	20031219	AU20030234646	20030529
AU2003234708 AA	20031027	AU20030234708	20030409
AU2003234708 AH	20031027	AU20030234708	20030409
AU2003239133 AA	20031027	AU20030239133	20030409
AU2003239133 AH	20090730	AU20030239133	20030409

AU2003241290 AA	20031027	AU20030241290	20030409
AU2003241290 AH	20031027	AU20030241290	20030409
CA2481931 AA	20041008	CA20032481931	20030409
CA2481931 C	20100622	CA20032481931	20030409
MXPA04009905 A1	20050816	MX2004PA09905	20030409
US2003192485 AA	20031016	US20030411017	20030409
US2003192816 AA	20031016	US20030411407	20030409
US2003205205 AA	20031106	US20030411435	20030409
US2003209203 AA	20031113	US20020120858	20020410
US2003222000 AA	20031204	US20020188611	20020702
US6810831 BA	20041102	US20020158676	20020529
US6854421 BB	20050215	US20020120858	20020410
WO03086055 A2	20031023	WO2003US10980	20030409
WO03086055 A3	20050217	WO2003US10980	20030409
WO03086056 A2	20031023	WO2003US10981	20030409
WO03086056 A3	20090618	WO2003US10981	20030409
WO03086070 A2	20031023	WO2003US10982	20030409
WO03086070 A3	20040916	WO2003US10982	20030409
WO03086163 A2	20031023	WO2003US11356	20030409
WO03086163 A3	20040422	WO2003US11356	20030409
WO03101179 A2	20031211	WO2003US16609	20030529
WO03101179 A3	20040318	WO2003US16609	20030529

Priority:

US20020120858 20020410	US20020371783P 20020410	US20020158676 20020529
US20020188611 20020702	US20020431106P 20021204	US20020431140P 20021204
US20020431067P 20021204	US20030411407 20030409	US20030411017 20030409
US20030411435 20030409	WO2003US10981 20030409	WO2003US10982 20030409
WO2003US10980 20030409	WO2003US11356 20030409	WO2003US16609 20030529

Probable Assignee: EQUIDRY BEDDING PRODUCTS LLC

Assignee(s): (std): EQUIDRY BEDDING PRODUCTS LLC ; EQUIDRY BEDDING PRODUCTS LLC S ; EQUIDRY BEDDING PRODUCTS LLC SSSSSSSSS ; OPFEL WILLIAM

Assignee(s): DELPHI TECHNOLOGIES INC ; EQUIDRY BEDDING PRODUCTS ; EQUIDRY BEDDING PRODUCTS INC ; EQUIDRY BEDDING PRODUCTS PO BOX

Inventor(s): (std): WILLIAM OPFEL ; OPFEL WILLIAM

Agent(s): MARKS AND CLERK; SCHMEISER OLSEN AND WATTS 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 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

366) Family number: 64039821 (ES2589814B)

© PatBase

Title: DISPOSITIVO TRAMPA PARA INSECTOS.

Abstract: Source: ES2589814B [ES] Dispositivo trampa para insectos que permite combatir uno o varios tipos diferentes de insectos, segun los atrayentes y formulados toxicos utilizados. Dicho dispositivo presenta dos partes diferenciadas, consistentes en una trampa externa y otra interna, las cuales estan asociadas tanto constructiva como operativamente, por lo que con esta configuracion es posible combatir una o varias plagas simultaneamente. Dicho dispositivo posee gran sencillez y seguridad en su utilizacion.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01M1/20 (Advanced/Invention)
CPC: A01M1/10 A01M1/02 A01M1/2005

PatBase - ES2589814_AA

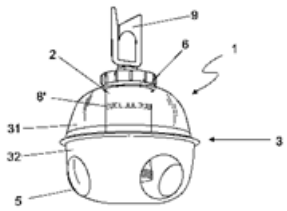


FIG. 1

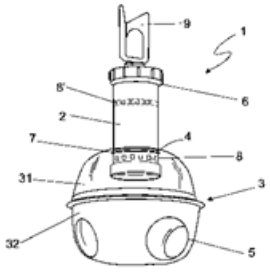


FIG. 2

Family:

Publication number	Publication date	Application number	Application date
ES2589814 AA	20161116	ES20160031185	20160912
ES2589814 BA	20170905	ES20160031185	20160912

Priority:

ES20160031185 20160912

Probable Assignee: ECOLOGIA Y PROTECCION AGRICOLA S L

Assignee(s): (std): ECOLOGIA Y PROTECCION AGRICOLA S L

Assignee(s): ECOLOGIA Y PROTECCION AGRICOLA SL

Inventor(s): (std): LOPEZ MORENO ROSARIO ; MARZO BARGUES JAVIER ; NAVARRO FUERTES ISMAEL ; CARBONELL GARCIA ALEJANDRO

Inventor(s): ISMAEL NAVARRO FUERTES ; JAVIER MARZO BARGUES ; ALEJANDRO CARBONELL GARCIA ; ROSARIO LOPEZ MORENO

Agent(s): ISERN JORGE

367) Family number: 23461823 (US6413508B)

© PatBase

Title: Green leaf volatiles as synergists for insect pheromones

Abstract: Green leaf volatiles were found to synergize the attractant effect of insect pheromones on boll weevils, European elm bark beetles, and Mediterranean fruit flies. Trans-2-hexen-1-ol, hexanal, trans-2-hexenal, cis-3-hexen-1-ol, and 1-hexanol were most effective. These sounds will be useful in control of insect populations.

Classifications:
International (IPC 8-9): A01N31/02 A01N35/02 (Advanced/Invention)
International (IPC 1-7): A01N25/00
CPC: A01N31/02 A01N35/02
European: A01N31/02 A01N35/02
US: 424/84

Family:

Publication number	Publication date	Application number	Application date
US6413508 BA	20020702	US19930015260	19930208

Priority:

US19880215091 19880705 US19890359174 19890531 US19930015260 19930208

Probable Assignee: US AGRICULTURE

Assignee(s): (std): US AGRICULTURE

Assignee(s): THE UNITED STATES OF AMERICA AS REPRESENTED BY THE ; THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF AGRICULTURE

Inventor(s): (std): DICKENS JOSEPH C

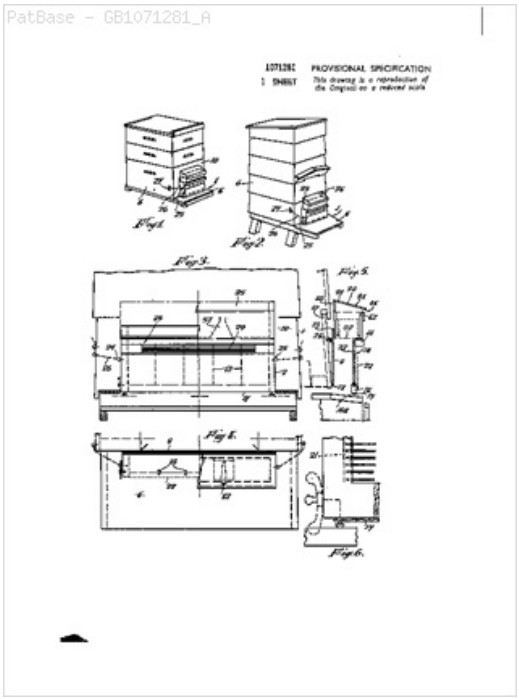
368) Family number: 20365826 (GB1071281A)

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Title: Improvements in or relating to bee hives

Abstract: 1,071,281. Bee hives. A. HILEY. March 25, 1964 [March 26, 1963], No. 11801/63. Heading A1M. A control structure for positioning at the entrance to a hive and on the alighting board comprises a lower part 1 including a frame member 14 defining with the alighting board an exit 14a the size of which can be adjusted to allow free passage of all bees or of worker bees only, and a trapping chamber 30 which is reached via funnel shaped passages 52 ending in an outlet just large enough for the queen to pass through, exits for worker bees being provided in the trapping chamber. The size of exit 14a can be adjusted by means of a lever 62 pivoted at one side of the structure and movable to tilt the structure. A queen excluder screen 18, 20 and gauze weather screen 22 are provided. The trapping chamber 30 is removable and provided with a transparent cover.

Classifications:
International (IPC 8-9): A01K47/06 (Advanced/Invention);
A01K47/00 (Core/Invention)
International (IPC 1-7): A01K47/06
CPC: A01K47/06
European: A01K47/06



Family:

Publication number	Publication date	Application number	Application date
GB1071281 A	19670607	GB19630011801	19630326

Priority:

GB19630011801 19630326

Probable Assignee: ALFRED HILEY M R I N A F R H S

Assignee(s): (std)**:** ALFRED HILEY M R I N A F R H S

369) Family number: 30002828 (US2003070345A)

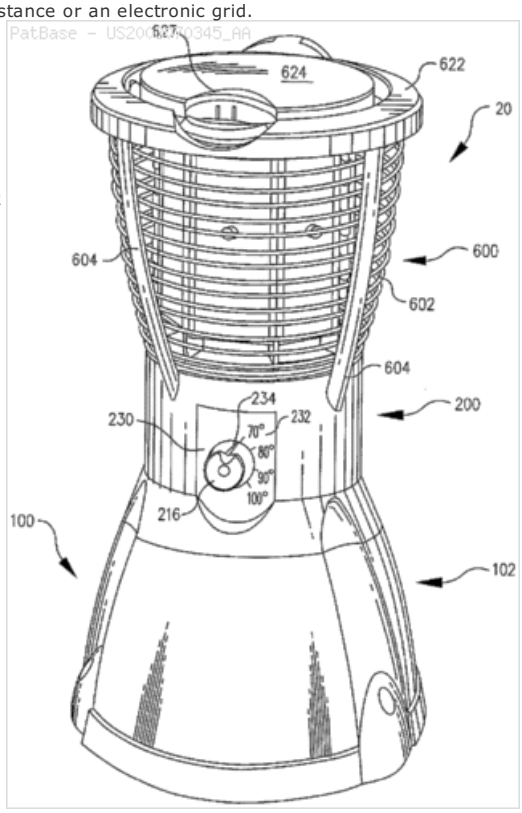
© PatBase

Title: MOSQUITO AND BITING INSECT ATTRACTING AND KILLING APPARATUS

Abstract: A mosquito and biting insect attracting apparatus that includes a heat element (a thermal lure), a source of carbon dioxide (CO2), and a source of a chemical biting insect attractant, such as octenol. The heat for the thermal lure and the source of CO2 are provided by a propane flame. The thermal lure includes a structure that surrounds a propane burner and that is heated by the burner to a temperature that is similar to that of a small animal, such as 95 to 115 degrees Fahrenheit. The structure includes a series of baffles and conduction elements that permit the structure to have a substantially constant heat signature, which is desirable for attracting mosquitoes and other biting insects. A mechanism may be provided for trapping or killing the attracted mosquitoes, such as an adhesive substance or an electronic grid.

Classifications:

International (IPC 8-9)**:** A01M1/02 A01M1/14 A01M1/22 F23D14/28 (Advanced/Invention);
A01M1/00 A01M1/02 F23D14/00 (Core/Invention)
International (IPC 1-7)**:** A01M1/02 A01M1/04 A01M1/14 A01M1/22 H05C3/00
CPC: Y02A50/371 A01M1/223 A01M1/023 A01M1/14 A01M2200/012 F23D14/28
European: A01M1/02B A01M1/02C A01M1/14 A01M1/20C A01M1/22 A01M1/22B F23D14/28 K01M200/012 K01M201/02
US: 43/107 43/112 43/113 43/114 431/140



Family:

Publication number	Publication date	Application number	Application date
US2003070345 AA	20030417	US20010981330	20011017
US2003070346 AA	20030417	US20020095336	20020311
US6594946 BB	20030722	US20010981330	20011017
US6655078 BB	20031202	US20020095336	20020311
WO03032722 A1	20030424	WO2002US32635	20021011

Priority:

US20010981330 20011017 US20020095336 20020311

Probable Assignee: COLEMAN CO INC

Assignee(s): (std): LAVERACK JOHN ; LONG RICHARD ; MAY RANDY ; MOSHER ROBERT ; NOLEN JAMES A ; WINNER DOUG ; WEAVER GREG ; BROOKS JUDITH ; BRUNO BOB ; COLEMAN CO

Assignee(s): COLEMAN CO INC ; GENERAL ELECTRIC CAPITAL CORP ; THE COLEMAN COMPANY INC

Inventor(s): (std): BROOKS JUDITH ; BRUNO BOB ; LAVERACK JOHN ; LONG RICHARD ; MAY RANDY ; MOSHER ROBERT ; NOLEN JAMES A ; WEAVER GREG ; WINNER DOUG

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 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 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 ZM ZW

370) Family number: 57611829 (WO14169361A1)

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Title: TRAP-LIKE DEVICE FOR CAPTURING AND EXTERMINATING URBAN INSECTS AND PESTS BY ELECTRICK SHOCK

Abstract: The present subject matter relates to an apparatus for luring and killing insects in general, comprising a box-like container with partitions and internal compartments for storing insect-luring baits, such as organic waste, water, sugar, inter alia. The lower inner compartment has a perforated bottom to drain rain water and organic material decomposition fluids. The central compartment has an outlet for draining excess water only, and above the outlet the inner wall has a rustic or porous finish, allowing humidity to climb the wall by capillarity and increasing the water evaporation surface. An upper compartment located below the screen serves for storing small baits in a small quantity, so that the baits are more visible for pests and insects. The apparatus has a lid with an electrified screen mesh that electrocutes insects coming into contact with the screen. The energy supplied to the screen has the same voltage as the power outlet, and the electric current is reduced by a circuit breaker and by a reduction in thickness (gauge) of the wires that conduct electric energy to the screen.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/22 (Advanced/Invention)
CPC: A01M1/106 A01M2200/012 A01M1/223 A01M1/02

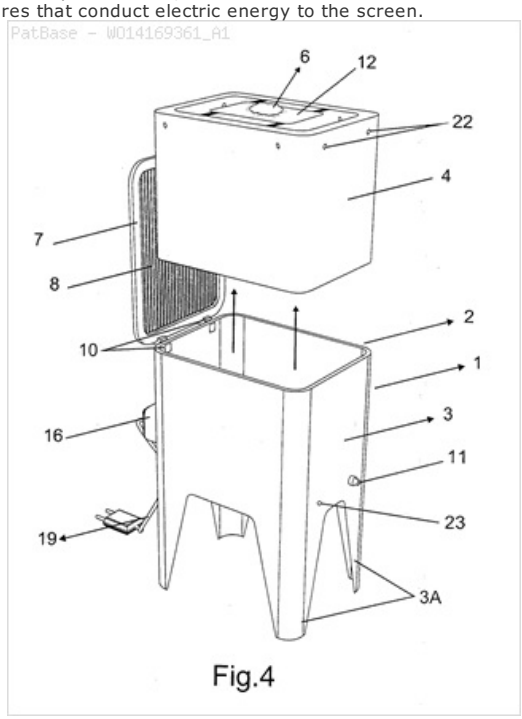


Fig.4

Family:

Publication number	Publication date	Application number	Application date
BR202013009546 U2	20150721	BR20132009546U	20130419
WO14169361 A1	20141023	WO2013BR00218	20130619

Priority:

BR20132009546U 20130419

Probable Assignee: ARAUJO VAGNER ALVES DE

Assignee(s): (std): ALVES DE ARAUJO VAGNER ; ARAUJO VAGNER ALVES DE

Assignee(s): VAGNER ALVES DE ARAUJO

Inventor(s): (std): ALVES DE ARAUJO VAGNER ; ARAUJO VAGNER ALVES DE

Inventor(s): VAGNER ALVES DE ARAUJO

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 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

371) Family number: 63677830 (US2018092359A)

Title: BINARY COMPOSITIONS AS DISRUPTORS OF ORCO-MEDIATED ODORANT SENSING

Abstract: In one aspect, the invention relates to binary compositions that disrupt ORco-mediated odorant sensing. In particular, compounds and compositions are provided that can inhibit sensory (e.g., host targeting) functions in organisms that express ORco receptors such as airborne insects, e.g., mosquitoes, and ticks. Method of employing such agents, and articles incorporating the same, are also provided. This abstract is intended as a scanning tool for purposes of searching in the particular art and is not intended to be limiting of the present invention.

Classifications:
International (IPC 8-9): A01N A01N25/18 A01N31/04 A01N31/16 A01N33/06 A01N43/653 (Advanced/Invention); A01N (Subclass/Invention)
CPC: A01N2300/00 A01N43/653 A01N33/06

Family:

Publication number	Publication date	Application number	Application date
AU2016238305 AA	20171109	AU20160238305	20160324
AU2016238305 AB	20171116	AU20160238305	20160324
BR112017020440 A2	20180703	BR20171120440	20160324
CA3018974 AA	20180925	CA20163018974	20160324
CN107529746 A	20180102	CN201680023472	20160324
EP3273779 A1	20180131	EP20160769719	20160324
EP3273779 A4	20180905	EP20160769719	20160324
IL254686 A0	20171130	IL20160254686	20160324
SG11201707879Q A1	20171030	SG20171107879	20160324
US2018092359 AA	20180405	US20160561427	20160324
WO16154471 A1	20160929	WO2016US24076	20160324

Priority:

US20150138348P 20150325 US20160561427 20160324 WO2016US24076 20160324

Probable Assignee: VANDERBILT UNIV

Assignee(s): (std): UNIV VANDERBILT ; VANDERBILT UNIV

Assignee(s): ZWIEBEL LAURENCE J ; WATERSON ALEX GREGORY ; OCHIENG SAM ; ROMAINE IAN M ; SULIKOWSKI GARY A

Inventor(s): (std): ALEX GREGORY WATERSON ; GARY A SULIKOWSKI ; IAN M ROMAINE ; LAURENCE J ZWIEBEL ; SAM OCHIENG ; ZWIEBEL LAURENCE J ; WATERSON ALEX GREGORY ; SULIKOWSKI GARY A ; ROMAINE IAN M ; OCHIENG SAM

Agent(s): GRIFFITH HACK; BERESKIN AND PARR LLP SENCRL SRL; CH KILGER ANWALTSPARTNERSCHAFT MBB; MEADOWS BRIAN C ET AL

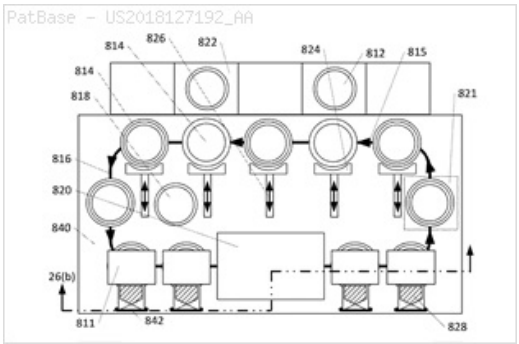
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW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

372) Family number: 69658831 (US2018127192A)

Title: METHODS AND APPARATUS FOR AUTOMATED FOOD PREPARATION

Abstract: Methods and apparatus for automatically preparing food for consumption in which preparation comprises dispensing, manipulation, heating, and other operations using a wide variety of ingredients. The methods and apparatus described use ingredients efficiently and maintain their quality, while avoiding contact between ingredients and apparatus to minimize the risk of system contamination.

Classifications:
International (IPC 8-9): A01K5/02 A47J36/32 B26D7/14 B65B69/00 B65D30/22 B65D33/00 B65D35/28 B65D83/00 (Advanced/Invention)
CPC: B65D83/0055 A47J36/32 B65D83/06 B65D31/12 B65D33/004 B26D7/14 B65D83/0022 A47J44/00 A01K5/02 B65B69/00 B65D35/28 B65D81/3446 B65D83/00



Family:

Publication number	Publication date	Application number	Application date
CA3042704 AA	20190502	CA20173042704	20171106
US2018127192 AA	20180510	US20170805074	20171106
US2019125126 AA	20190502	US20180182563	20181106
WO18085796 A1	20180511	WO2017US60253	20171106
WO19090352 A1	20190509	WO2018US59487	20181106

Priority:

US20160417336P 20161104 US20170456008P 20170207 US20170471957P 20170315
US20170522671P 20170620 US20170805074 20171106 WO2017US60253 20171106
US20170588913P 20171120 US20180670043P 20180511 US20180724019P 20180828
US20180182563 20181106

Probable Assignee: COHEN ADAM
Assignee(s): (std): COHEN ADAM
Assignee(s): INNONOVO LLC
Inventor(s): (std): COHEN ADAM
Agent(s): RIDOUT AND MAYBEE LLP
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

373) Family number: 65151831 (US2017071185A)

Title: INSECT ZAPPER APPARATUS, GAME METHODS, AND KIT

Abstract: Various forms of insect zappers, game methods, and kits for insect hunt game playing are disclosed. In one form, an insect zapper includes a power grid portion, a user control portion, and a handle portion. A user control portion comprises one or more features for operation or control of the device and a signal portion for providing operational and gaming related feedback such as cumulative kills and kill ratio. A variety of games centered around the successful hunt of biting insects such as mosquitos are disclosed involving a single player wherein a player competes against themselves or involving two or more players competing against each other. In some forms a kit may be provided to include gaming instructions, one or more insect zappers, and other accessories.
Classifications:
International (IPC 8-9): A01M3/02 A63B59/00 (Advanced/Invention)
CPC: A01M3/025 A63B59/00
US: 43/112



Family:

Publication number	Publication date	Application number	Application date
US2017071185 AA	20170316	US20160266832	20160915

Priority:
US20150218645P 20150915 US20160266832 20160915
Probable Assignee: JANOWSKI BRIAN PATRICK
Assignee(s): (std): JANOWSKI BRIAN PATRICK
Inventor(s): (std): JANOWSKI BRIAN PATRICK

374) Family number: 52873835 (US2013028858A)

Title: COMPOSITION AND METHOD FOR ATTRACTION OF EMERALD ASH BORER AGRILUS PLANIPENNIS FAIRMAIRE (COLEOPTERA: BUPRESTIDAE)

Abstract: The invention disclosed relates to a novel composition and use thereof, for the attraction and detection of emerald ash borer, Agrilus planipennis Fairmaire. The composition comprises (3Z)-dodecen-12-olide and ash foliar or cortical volatiles (green leaf volatiles) associated with a prism trap of a color in the green range of the visible light spectrum. A significant increase in the capture of male A. planipennis is achieved when traps were deployed in the upper tree canopy. This invention is the first demonstration of increased attraction with a combination of a pheromone and a green leaf volatile in a Buprestid species.
Classifications:
International (IPC 8-9): A01N31/02 A01N43/22 A01P19/00 (Advanced/Invention)
CPC: A01N31/02 A01N43/22
US: 1/1 424/84



Family:

Publication number	Publication date	Application number	Application date
US2013028858 AA	20130131	US20120559748	20120727
US2015132252 AA	20150514	US20140518221	20141020
US9226503 BB	20160105	US20140518221	20141020

Priority:

US20110513054P 20110729 US20120559748 20120727 US20140518221 20141020

Probable Assignee: NATIONAL RESEARCH COUNCIL OF CANADA

Assignee(s): (std)**:** HER MAJESTY QUEEN IN RIGHT OF CANADA REPRESENTED BY MINISTER OF NATURAL RESOURCES AS ; HER MAJESTY QUEEN IN RIGHT OF CANADA REPRESENTED BY MINISTER OF NATURAL RESOURCES CANADA AS ; MAGEE DAVID ; MAYO PETER ; RYALL KRISTA ; SILK PETER J

Assignee(s): NATIONAL RESEARCH COUNCIL OF CANADA

Inventor(s): (std)**:** RYALL KRISTA ; MAGEE DAVID ; MAYO PETER ; SILK PETER J

Agent(s): CATHERINE

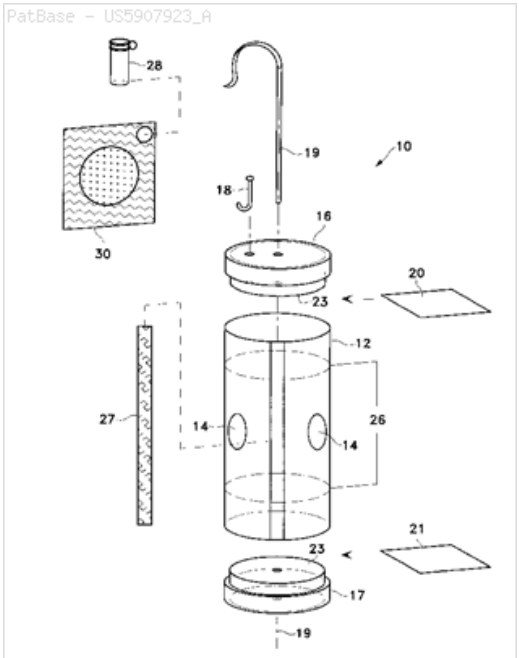
375) Family number: 11588837 (US5907923A)

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Title: Trapping system for fruit flies

Abstract: A dry insect trap for capturing male and female frugivorous pest insects for detecting, monitoring, and/or controlling.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01M1/14 A01M1/20 A01N25/00 A01N33/04 A01N37/02 (Advanced/Invention); A01M1/00 A01M1/02 A01M1/20 A01N25/00 A01N33/00 A01N37/02 (Core/Invention)
International (IPC 1-7): A01M1/00 A01M1/02 A01M1/10 A01M1/14 A01M1/20 A01N25/02 A01N25/10
CPC: A01M1/02 A01M1/026 A01M1/2016 A01M2200/012 A01N25/006 A01N33/04 A01N37/02
European: A01M1/02 A01M1/02B A01M1/02E A01M1/20B A01M1/20B2 A01M1/20C A01N25/00B4 A01N33/04 A01N37/02 K01M200/012 K01M201/02
US: 424/405 424/406 424/408 424/410 424/719 424/721 424/84 43/107 43/122 514/554 514/663



Family:

Publication number	Publication date	Application number	Application date
AT226011 E	20021115	AT19950916463T	19950421

DE69528581 D1	20021121	DE19956028581	19950421
DE69528581 T2	20030717	DE19956028581T	19950421
DK0758194 T3	20030217	DK19950916463T	19950421
EP0758194 A1	19970219	EP19950916463	19950421
EP0758194 A4	19980902	EP19950916463	19950421
EP0758194 B1	20021016	EP19950916463	19950421
ES2185701 T3	20030501	ES19950916463T	19950421
IL113447 A0	19950731	IL19950113447	19950420
IL113447 A1	19990126	IL19950113447	19950420
JP10501689 T2	19980217	JP19950528291T	19950421
JP3665072 B2	20050629	JP19950528291T	19950421
MX9605019 A1	19980228	MX19960005019	19950421
PT758194 T	20030331	PT19950916463T	19950421
US5907923 A	19990601	US19960647211	19960509
US5939062 A	19990817	US19950440023	19950512
WO9529585 A2	19951109	WO1995US04873	19950421
WO9529585 A3	19951228	WO1995US04873	19950421
ZA9503254 A	19960109	ZA19950003254	19950421

Priority:

US19940231213 19940422 WO1995US04873 19950421 US19950440023 19950512
US19960647211 19960509

Probable Assignee: US AGRICULTURE

Assignee(s): (std): REPRESENTADO POR EL SECRETARIO ; US AGRICULTURE ; US HEALTH ; U S A AS REPRES BY THE SECRETA ; DEPARTAMENTO DE AGRICULTURA ; LOS ESTADOS UNIDOS DE NORTEAME

Assignee(s): LOS ESTADOS UNIDOS DE NORTEAMERICA ; U S A ; THE UNITED STATES OF AMERICA REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF AGRICULTURE ; THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY DEPARTMENT OF AGRICULTURE AGRICULTURAL RESEARCH CENTRE ; THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF AGRICULTURE ; THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF DEPARTMENT OF AGRICULTURE ; UNITED STATES OF AMERICA ; U S A REPRES BY SECRETA AS ; THE UNITED STATES OF AMERICA REPRESENTED BY THE S ; THE UNITED STATES OF AMERICA REPRESENTED BY THE SE ; U S A AS REPRES BY THE SECRETARY OF AGRICULTURE ; SECRETARY OF DEPARTMENT OF AGRICULTURE US GOV ; SEC DEP OF AGRICULTURE AGRICULTURAL AS US GOV ; SECRETARY OF AGRICULTURE AS US GOV ; S US GOV ; SECRETARY OF DEPARTMENT OF AGRICULTURE AS US GOV ; THE UNITED STATES OF AMERICA AS REPRESENTED BY THE ; REPRESENTADO POR EL SECRETARIO DEL ; THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY DEPARTMENT OF AGRICULTURE AGRICULTURAL

Inventor(s): (std): EPSKY NANCY D ; HEATH ROBERT R

Inventor(s): NANCY D EPSKY ; ROBERT R HEATH

Agent(s): REINHOLD COHN AND PARTNERS; WOLFF BREGMAN AND GOLLER

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

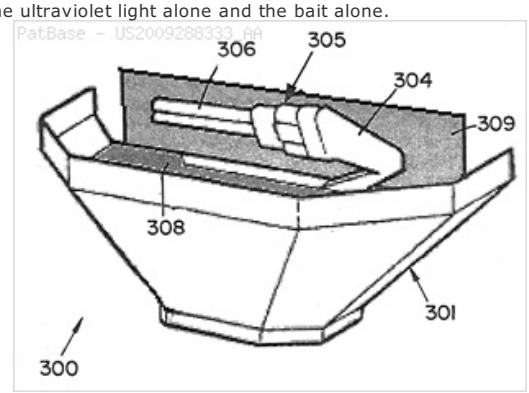
376) Family number: 44042837 (US2009288333A)

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Title: INSECT TRAP

Abstract: An insect trap comprises a housing, an ultraviolet light with a peak wavelength of 340 to 380 nm operatively connected to the housing, and a bait including an attractant proximate the ultraviolet light. The ultraviolet light and the bait in the housing have a synergistic effect that is greater than a sum of the ultraviolet light alone and the bait alone.

Classifications:
International (IPC 8-9): A01M1/00 A01M1/02 A01M1/04 A01M1/14 A01M1/20 (Advanced/Invention);
A01M1/00 A01M1/02 A01M1/20 (Core/Invention)
CPC: A01M1/02 A01M1/145
European: A01M1/02 A01M1/14B
US: 43/107 43/113 43/114 43/131



Family:

Publication number	Publication date	Application number	Application date
CA2723868 AA	20101108	CA20092723868	20090522
CA2723868 C	20180424	CA20092723868	20090522
CN102036554 A	20110427	CN200980118806	20090522
CN102036554 B	20150527	CN200980118806	20090522
EP2296460 A2	20110323	EP20090751699	20090522
EP2296460 A4	20140723	EP20090751699	20090522
EP2296460 B1	20190327	EP20090751699	20090522
MX2010012522 A1	20110411	MX20100012522	20090522
US2009288333 AA	20091126	US20090471087	20090522
WO09143471 A2	20091126	WO2009US45051	20090522
WO09143471 A3	20100304	WO2009US45051	20090522
WO09143471 A8	20101229	WO2009US45051	20090522

Priority:

US20080055532P 20080523 US20090471087 20090522 WO2009US45051 20090522

Probable Assignee: ECOLAB INC

Assignee(s): (std)**:** ECOLAB INC ; ECOLAB USA INC ; JOHNSTON STACI JO ; LARK LARRY MITCH ; MATTS EMORY H

Inventor(s): (std)**:** LARK LARRY MITCH ; JOHNSTON STACI JO ; MATTS EMORY H ; JO JOHNSTON STACI ; MITCH LARK LARRY

Inventor(s): STACI JO JOHNSTON ; LARRY MITCH LARK ; EMORY H MATTS

Agent(s): CASSAN MACLEAN; BORDEN LADNER GERVAIS LLP; MICHALSKI HUETTERMANN AND PARTNER PATENTANWAELTE; MICHALSKI HUETTERMANN AND PARTNER PATENTANWAELTE MBB; IPLM GROUP PA; MAU MICHAEL L

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 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 ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

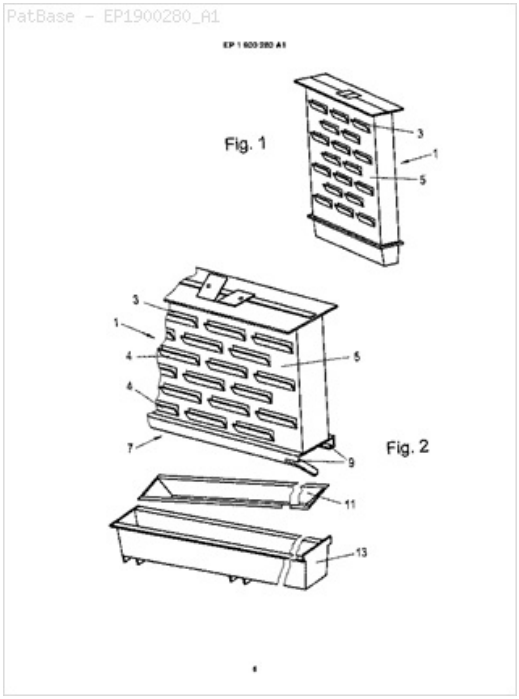
377) Family number: 40988837 (EP1900280B1)

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Title: Collecting vessel

Abstract: The collection container (21) has multiple ribs (25) provided at upper longitudinal edges of a tray (23), where the ribs point outwardly. A channel (31) extends in a longitudinal direction of the tray, where the channel is covered upwardly by a grid. The channel is arranged between narrow sides of the tray and inside the tray. The channel has ends (33) that are assigned with openings (29) provided in narrow walls (27) of the tray. Multiple plates (39) are provided in the tray, where the plates are immersed in the provided fluid.

Classifications:
International (IPC 8-9): A01M1/10 (Advanced/Invention); A01M1/00 (Core/Invention)
CPC: A01M1/106
European: A01M1/10F



Family:

Publication number	Publication date	Application number	Application date
AT418264 E	20090115	AT20070450157T	20070913
AT503707 A4	20071215	AT20060001534	20060914
AT503707 B1	20071215	AT20060001534	20060914
DE502007000326 D1	20090205	DE200750000326T	20070913
EP1900280 A1	20080319	EP20070450157	20070913
EP1900280 B1	20081224	EP20070450157	20070913
ES2318844 T3	20090501	ES20070450157T	20070913
SI1900280 T1	20090630	SI20070030024T	20070913

Priority:

AT20060001534 20060914 EP20070450157 20070913

Probable Assignee: WITASEK PETER ING

Assignee(s): (std)**:** WITASEK PETER ; WITASEK PETER ING

Inventor(s): (std)**:** WITASEK PETER

Agent(s): BEER MANFRED ET AL

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 MK MT NL PL PT RO RS SE SI SK TR

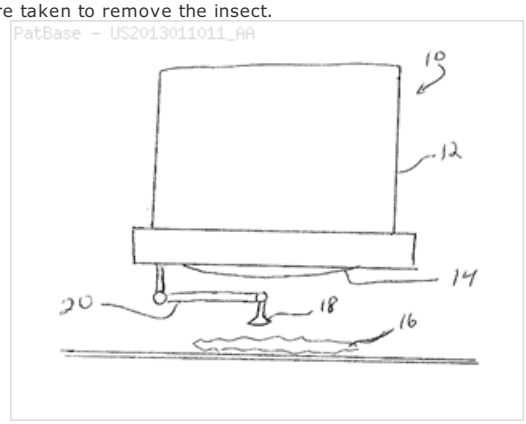
378) Family number: 52673840 (US2013011011A)

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Title: INSECT IMAGE RECOGNITION AND INSTANT ACTIVE RESPONSE

Abstract: A device for detecting insects on substrates such as lettuce and other leaves. The device has a microscope lens

which magnifies a portion of the leaf and send an image of the leaf portion to an image recognition system. If the image recognition system detects the presence of an insect-further steps are taken to remove the insect.



Classifications:

International (IPC 8-9): A01H1/02 A01M1/00 A01M1/02 A01M1/06 A01M1/14 A01M1/20 A01M1/22 A01M21/04 A01M3/00 A01M5/02 A01M5/04 A01M7/00 A01M99/00 B25J15/00 B25J15/06 B25J5/00 B25J5/02 B25J9/16 B64C39/02 B64D1/18 B64D47/08 G06K9/00 G06K9/62 G06T3/40 G06T7/00 G06T7/62 G06T7/90 H04N5/225 H04N7/18 (Advanced/Invention)

CPC: A01M1/00 A01M3/00 H04N5/2253 G06K9/6256 B64C39/024 A01H1/025 G06T2207/10032 G06T2207/20081 Y10S901/41 Y10S901/40 B64C2201/027 B64C2201/12 G06T2207/10024 G06T2207/30128 B25J9/1697 A01M5/00 B25J5/00 B25J5/02 B25J9/1612 B25J9/1679 A01M1/026 A01M1/06 A01M1/14 A01M1/2094 A01M1/22 A01M5/04 G06K2209/17 G06T7/0004 G06T2207/10056 Y10S901/01 Y10S901/09 A01M3/005 A01M3/007 A01M5/02 A01M99/00 G06T7/001 A01M1/20 A01M1/226 G06K9/00 G06K9/6267 G06T7/0008 B25J19/023 B25J9/0093 B25J11/0045 B25J15/0019 B25J15/0616 G06K9/0063 G06T7/00 H04N7/18 H04N5/2252 G06T3/40 G06K9/00657 G06K9/6202 A01M7/00 A01M13/00 A01M29/12 A01M29/16 Y02A50/375 A01M21/043 G06T7/0014 G06T7/62 G06T7/90 H04N5/225 H04N5/2257 G06T2207/20084 G06T2207/30088 G06T2207/30212 B64D33/00 G06K9/00664 H04N5/2251 H04N7/185 G06T7/0012 B64D1/18 B64D47/08

US: 1/1 348/135 382/103 382/110

Family:

Publication number	Publication date	Application number	Application date
EP3455827 A1	20190320	EP20170796838	20170511
US2013011011 AA	20130110	US20120542416	20120705
US2015023566 AA	20150122	US20140505430	20141002
US2016260207 AA	20160908	US20160153621	20160512
US2017147907 AA	20170525	US20170425079	20170206
US2017316283 AA	20171102	US20170654390	20170719
US2018075596 AA	20180315	US20170802814	20171103
US2018204320 AA	20180719	US20180919541	20180313
US2018204321 AA	20180719	US20180922565	20180315
US2018240230 AA	20180823	US20180956083	20180418
US2018349745 AA	20181206	US20180100489	20180810
US2019019066 AA	20190117	US20180035919	20180716
US2019096058 AA	20190328	US20180205854	20181130
US2019138856 AA	20190509	US20190238602	20190103
US2019180151 AA	20190613	US20190280539	20190220
US8855374 BB	20141007	US20120542416	20120705
US9053528 BB	20150609	US20140505430	20141002
US9381646 BA	20160705	US20150733044	20150608
US9563945 BB	20170207	US20160153621	20160512
US9811764 BB	20171107	US20170425079	20170206
US9852362 BB	20171226	US20170654390	20170719
US9965850 BB	20180508	US20170802814	20171103
US10026165 BA	20180717	US20180919541	20180313
US10043263 BA	20180807	US20180956083	20180418
US10147177 BB	20181204	US20180922565	20180315
US10185896 BB	20190122	US20180100489	20180810
US10229348 BB	20190312	US20180035919	20180716
WO17197109 A1	20171116	WO2017US32154	20170511

Priority:

US20110504462P 20110705 US20120542416 20120705 US20140505430 20141002
US20140087049P 20141203 US20150733044 20150608 US20150183591P 20150623
US20160153621 20160512 US20170425079 20170206 WO2017US32154 20170511
US20170654390 20170719 US20170551345P 20170829 US20170802814 20171103
US20180919541 20180313 US20180922565 20180315 US20180956083 20180418
US20180035919 20180716 US20180100489 20180810 US20180205854 20181130
US20190238602 20190103 US20190280539 20190220

Probable Assignee: FRYSHMAN BERNARD

Assignee(s): (std): FRYSHMAN BERNARD

Inventor(s): (std): FRYSHMAN BERNARD

Agent(s): AVIDITY IP; LEVISOHN BERGER LLP; AMSTER ROTHSTEIN AND EBENSTEIN LLP; BELL AND MANNING LLC; ROTBERG TUVIA

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG 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

379) Family number: 34083846 (US2009092671A)

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Title: CERIUM OXIDE NANOPARTICLES FOR TREATMENT AND PREVENTION OF ALZHEIMER'S DISEASE, PARKINSON'S DISEASE, AND DISORDERS ASSOCIATED WITH FREE RADICAL PRODUCTION AND/OR MITOCHONDRIAL DYSFUNCTION

Abstract: Cerium oxide nanoparticles (CeONP) can be used to treat or prevent neurodegenerative diseases, including for example Alzheimer's Disease, Parkinson's Disease, Huntington's Disease, AIDS-related dementia, ALS, progressive supranuclear palsy, and encephalitis, as well as mitochondrial diseases and diseases associated with mitochondrial damage. In particular, CeONP having an average size of about 2 nm to about 100 nm can be administered in an amount sufficient to

block production of hydroxyl or superoxide radicals, block free radical production by Abeta(1-42), block Abeta(1-42)-induced neuronal death, block Abeta(1-42)-induced [Ca2+]i dysfunction in neurons, block Abeta(1-42)-induced lipid peroxidation, decrease loss of dopaminergic neurotransmission, or reduce mitochondrial dysfunction in a cell. CeONP can also be effective in treating conditions involving toxic exposures to compounds that induce mitochondrial dysfunction, such as rotenone, cyanide, carbon monoxide, polychlorinated biphenyls (PCBs) and other mitochondrial toxins.

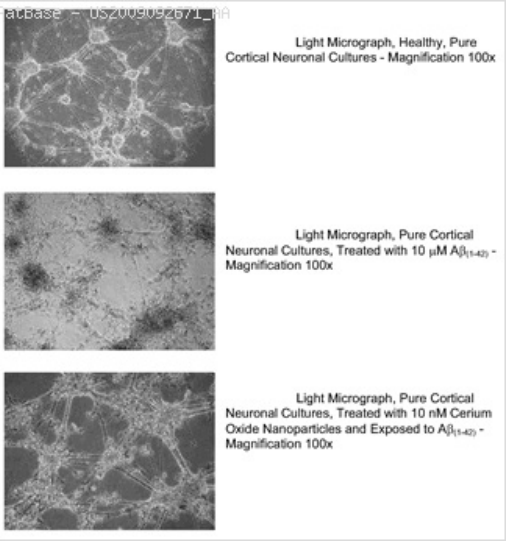
Classifications:

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C12Q1/02 (Advanced/Invention);
B82Y5/00 (Advanced/Non-invention);
A61F2/30 A61K33/06 A61K33/24 A61K35/12 A61K35/14 A61K47/42 A61K8/19 A61K9/127 A61K9/14 A61K9/51 A61P17/00 A61P17/18 A61P19/00 A61P25/00 A61P29/00 A61P3/00 A61P37/00 A61P39/00 A61P43/00 A61P9/00 A61Q19/08 B32B5/00 C01F17/00 C12N5/00 C12Q1/02 (Core/Invention)

CPC: Y10T428/2982 A61K33/24 A61K9/14 A61L27/306

European: A61K33/24 A61K9/14 A61L27/30R

US: 423/263 423/263S 424/423 424/423P 424/489 424/489P 424/489S 424/529 424/529S 424/617 424/617S 424/93.7 424/93.700S 428/402 428/402S 435/29 435/29S 435/375 435/375S 977/773 977/773S 977/811 977/915



Family:

Publication number	Publication date	Application number	Application date
AU2006261764 AA	20070104	AU20060261764	20060627
CA2613086 AA	20071220	CA20062613086	20060627
EP1904072 A2	20080402	EP20060785640	20060627
EP1904072 A4	20090617	EP20060785640	20060627
JP2008546842 T2	20081225	JP20080519483T	20060627
US2009092671 AA	20090409	US20080252905	20081016
US2010166821 AA	20100701	US20060993260	20060627
US2013004584 AA	20130103	US20120539564	20120702
US2014030335 AA	20140130	US20130744815	20130118
US2016206652 A9	20160721	US20130744815	20130118
US8747907 BB	20140610	US20120539564	20120702
US9649337 BB	20170516	US20130744815	20130118
WO07002662 A2	20070104	WO2006US24963	20060627
WO07002662 A3	20071122	WO2006US24963	20060627
WO09052295 A2	20090423	WO2008US80180	20081016
WO09052295 A3	20090604	WO2008US80180	20081016

Priority:

US20050693930P 20050627 US20060993260 20060627 WO2006US24963 20060627
US20070980345P 20071016 US20070980354P 20071016 US20070993260 20071220
US20080252905 20081016 US20100993260 20100304 US20120587818P 20120118
US20120539564 20120702 US20130744815 20130118

Probable Assignee: EDWARD VIA VIRGINIA COLLEGE OF OSTEOPATHIC MEDICINE

Assignee(s): (std): BILLINGS MARC J ; CLARK ARIANE M ; COHEN COURTNEY ; COHEN COURTNEY A ; COOK JAYCE ; EDWARD VIA COLLEGE OF OSTEOPATHIC MEDICINE ; RZIGALINSKI BEVERLY A ; EDWARD VIA VIRGINIA COLLEGE OF ; HIMLER JUSTIN ; KLEIN LANDON M ; HOCKEY KEVIN ; SHOLAR CHRISTOPHER A ; SINGH NEERAJ ; EDWARD VIA VIRGINIA COLLEGE OF OSTEOPATHIC MEDICINE

Assignee(s): 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 ; NATIONAL INSTITUTES OF HEALTH ; NATIONAL INSTITUTES OF HEALTH NIH US DEPT OF HEALT ; EDWARD VIA VIRGINIA COLLEGE OF OSTEOPATHIC MEDICIN

Inventor(s): (std): COHEN COURTNEY A ; SINGH NEERAJ ; HIMLER JUSTIN ; COOK JAYCE ; SHOLAR CHRISTOPHER A ; BILLINGS MARC J ; HOCKEY KEVIN ; KLEIN LANDON M ; COHEN COURTNEY ; RZIGALINSKI BEVERLY A ; CLARK ARIANE M

Inventor(s): BEVERLY A RZIGALINSKI ; ARIANE M CLARK

Agent(s): SMOORENBURG PINI PATENT AND TRADE MARK ATTORNEYS; SMOORENBURG PATENT AND TRADE MARK ATTORNEYS; CASSAN MACLEAN; GILLET RAPHAEELLE ET AL; LATIMER MAYBERRY AND MATTHEWS IP LAW LLP; LATIMER INTELLECTUAL PROPERTY LAW LLP; TAROLLI SUNDHEIM COVELL AND TUMMINO LLP; MAYBERRY MICHELE L

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 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 ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

380) Family number: 28467850 (US2003167677A)

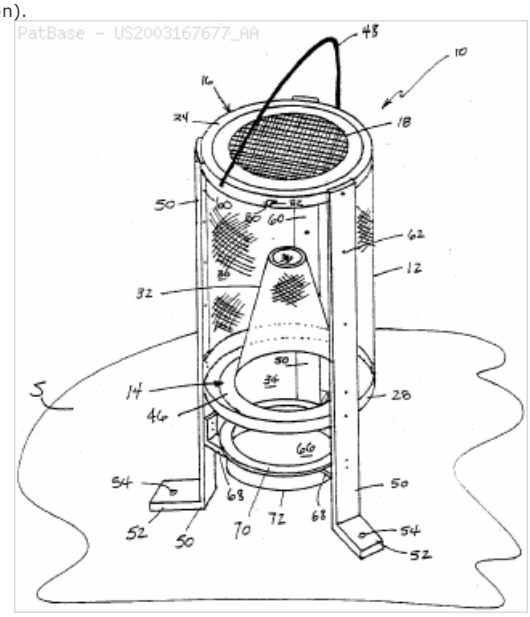
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Title: FLY TRAP AND A BAIT THEREFOR

Abstract: A fly trap includes a cylindrical side wall made of a mesh material; a bottom wall located proximate (i.e., "at or near") the bottom end of the side wail; a top wall located proximate the top end of the side wall; a conical entry conduit extending from proximate the bottom wall and providing an entry path to the interior chamber of the fly trap; and a lure holding device for holding a fly lure composition beneath the bottom opening of the entry conduit. The entry conduit may include an extending flange member that forms at least a portion of the bottom wall of the trap. Preferably, the top wall

and/or some other part of the fly trap includes a light reflecting device, such as a prism or reflector, to help attract attention to the trap in the daylight. Also, to help attract attention to the trap at night, one or more surfaces may be coated with or constructed from a material that glows in the dark (e.g. a powder containing a commercially available phosphorescent material). The lure holding device may contain a suitable fly lure composition, such as one containing about 0.5-3 percent dried animal blood, wherein the dried animal blood is dried in such a manner that proteins contained therein are not denatured and amino acids contained therein remain intact, and about 0.1-5 percent sweet brewer's yeast (all percentages are weight percentages based on the entire weight of the composition).

Classifications:
International (IPC 8-9): A01M1/04 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/20
CPC: A01M1/04 A01M1/106 A01M2200/012
European: A01M1/02B A01M1/04 A01M1/10 A01M1/10F K01M200/012 K01M201/02
US: 426/1 43/107 43/122



Family:

Publication number	Publication date	Application number	Application date
US2003167677 AA	20030911	US20030384659	20030311
US6546667 BA	20030415	US20000656735	20000907
US6722080 BB	20040420	US20030384659	20030311

Priority:
US20000656735 20000907 US20030384659 20030311

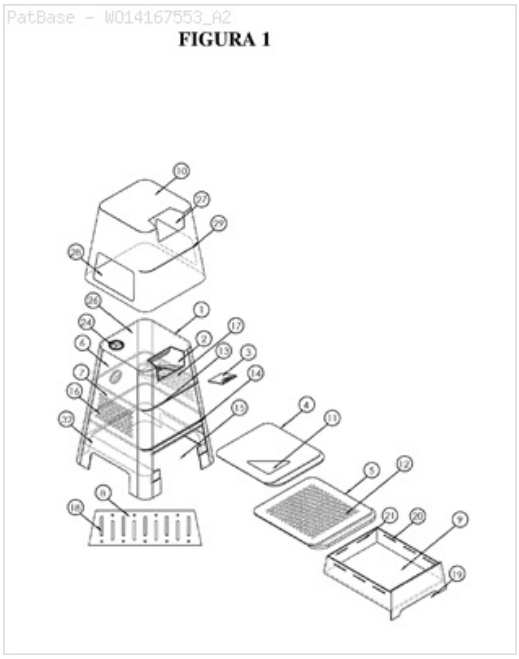
Probable Assignee: BAYSIDE HOLDINGS INC
Assignee(s): (std)**:** BAYSIDE HOLDINGS INC ; CARTER DANNY B
Inventor(s): (std)**:** CARTER DANNY B

381) Family number: 57586853 (WO14167553A3)

Title: TRAP FOR CAPTURING AND MONITORING AEDES AEGYPTI

Abstract: The present invention relates to a trap designed for capturing the Aedes aegypti mosquito. Said trap uses visual and chemical stimuli as an attraction mechanism, the visual stimuli being provided by two contrasting colours: red in the body of the trap (1) and black in the entrance to the trap (2). The trap consists of a frusto-pyramidal body having a square base (1) made of translucent polymethyl methacrylate, which has an opening in the apical lateral area where the entrance for the mosquitoes (2) is located. Said opening (2) leads into the trap via the curved shape (22) and angle of inclination thereof, which restrict the entry of light. Internally, the trap (1) comprises two compartments (6, 7), the first (6) of which serves as a transition area and the second (7) as an area for capturing and confusing the mosquitoes. A vertical wall (8), having grooves (18) and located in the second compartment (7), serves as a disorienting element relative to light that enters through the openings (16, 17), as well as the moisture and volatile compounds emitted by the bait disposed in the container (9) located in the area immediately below the second compartment (7). Overall, the trap of the present invention comprises a plurality of elements that improve the capture of the mosquito given the internal features thereof. The trap has a resilient red cover (10) that contrasts with the black colour of the entrance and stands out against the background.

Classifications:
International (IPC 8-9): A01M1/00 A01M1/10 A01M5/02 A61P31/12 (Advanced/Invention)
CPC: A01M1/04 A01M1/02 A01M1/106 Y02A50/371



Family:

Publication number	Publication date	Application number	Application date
CO7090247 A1	20141021	CO20130095397	20130412
WO14167553 A2	20141016	WO2014IB60670	20140412
WO14167553 A3	20150312	WO2014IB60670	20140412

Priority:

CO20130095397 20130412

Probable Assignee: UNIV IND DE SANTANDER

Assignee(s): (std)**:** UNIV IND DE SANTANDER

Assignee(s): UNIVERSIDAD INDUSTRIAL DE SANTANDER

Inventor(s): (std)**:** DUQUE LUNA JHONNY EDWARD ; DUQUE LUNA JHONY EDWARD ; NAVARRO ARANDA MONICA ; PARRA MORENO HECTOR JULIO ; PENA TORRES JESSICA

Inventor(s): HECTOR JULIO PARRA MORENO ; JESSICA PENA TORRES ; JONNY EDWARD DUQUE LUNA ; MONICA NAVARRO ARANDA

Agent(s): CARLOS R OLARTE GARCIA; OLARTE CARLOS R

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

382) Family number: 40836856 (ES1065847Y)

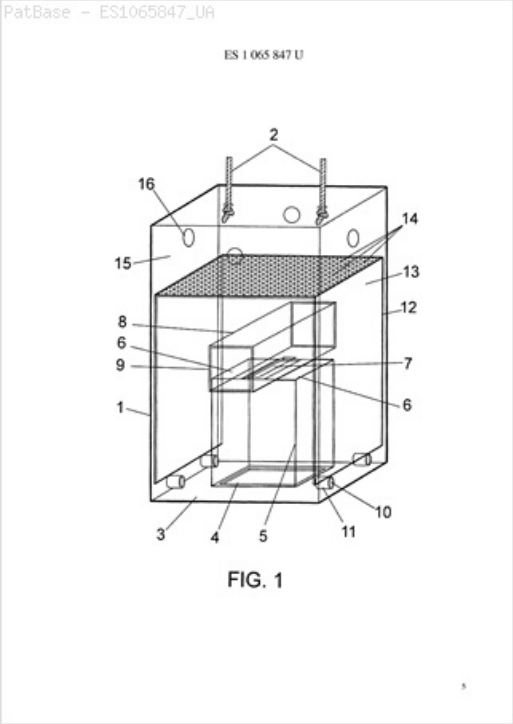
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Title: TRAMPA PARA INSECTOS

Abstract: Source: ES1065847U [ES] 1. Trampa para insectos, del tipo de las destinadas a quedar suspendidas de la rama de un arbol o similar, y de las destinadas a albergar en su interior a un producto atrayente para los insectos que los incita a entrar en la trampa de donde posteriormente no pueden salir, caracterizada porque esta constituida a partir de una caja prismatico-rectangular, preferentemente de plastico transparente o translucido, caja rigida o semirrigida, dotada de orificios para salida de los efluvios generados por el producto atrayente, en cuyo fondo se establece una amplia ventana en disposicion centrada, constitutiva de la boca de acceso de los insectos al interior de la trampa, ventana que queda enmarcada interiormente por un tubo ascendente, preferentemente de planta cuadrangular, abierto por su extremidad inferior y con su extremidad superior parcialmente estrangulada definiendo una segunda ventana, enfrentada a la inferior pero de anchura considerablemente menor, a traves de la que conecta con un segundo tubo, horizontal, considerablemente mas alargado, que sobresale por sus extremos con respecto al tubo inferior y que incorpora una ventana en su cara inferior operativamente enfrentada a la embocadura estrangulada del primer tubo, constituyendo los extremos abiertos del tubo horizontal los extremos de una canalizacion bifurcada para la entrada de los insectos.

Machine translation: 1. Insect trap of the type intended to be suspended from the branch of a tree or the like, and designed to house therein an attractant for insects that incites to enter the trap of where then can not leave, characterized in that it is constituted from a rectangular prismatic box, preferably of transparent or translucent plastic, rigid or semi-rigid box, provided with holes for output of the effluvia generated by the attractant, in whose bottom a wide window centered arrangement, constituting the mouth of access of insects into the trap, window that is framed internally by a riser pipe, preferably quadrangular, Open at its lower end and its upper end partially constricted defining a second window, facing the bottom but of considerably smaller width, through which connects to a second tube, horizontal, considerably elongated, which protrudes at its ends with respect to the lower pipe and which incorporates a window in its lower face operatively facing the throttled mouth of the first tube, the open ends of the horizontal tube constituting the ends of a bifurcated pipe for entry of insects.

Classifications:
International (IPC 8-9): A01M1/10 (Advanced/Invention);
A01M1/00 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
ES1065847 UA	20071116	ES20070001424U	20070702
ES1065847 Y1	20081001	ES20070001424U	20070702

Priority:

ES20070001424U 20070702

Probable Assignee: MANUFACTURAS VICEDO SL

Assignee(s): (std)**:** MANUFACTURAS VICEDO S L ; MANUFACTURAS VICEDO SL

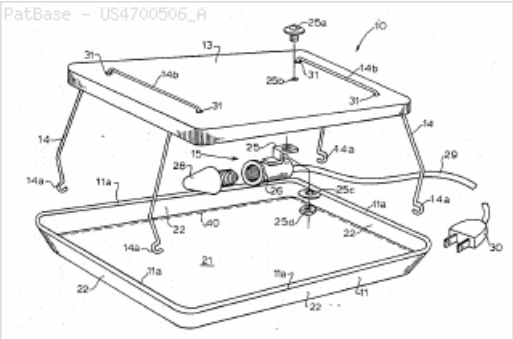
Inventor(s): (std)**:** VICEDO VICEDO JUAN

383) Family number: 5412863 (US4700506A)

Title: Flea trap

Abstract: A flea trap comprises a flat, shallow rectangular pan adapted for resting on the floor, flypaper or other sticky substance confined in the pan for trapping the fleas, a rectangular light reflecting cover, wire formed leg members adapted to resiliently grasp selected edges of the pan and support the cover over the pan, and an electrically energized green light source suspended from the light reflecting underside of the cover so as to lure fleas to the pan by means of both reflected green light and directly radiated green light.

Classifications:
International (IPC 8-9): A01M1/14 A01M1/16 (Advanced/Invention); A01M1/00 (Core/Invention)
International (IPC 1-7): A01M1/04
CPC: A01M1/145 A01M1/16 A01M2200/012
European: A01M1/04 A01M1/14B A01M1/16 K01M200/012 K01M201/02
US: 43/113



Family:

Publication number	Publication date	Application number	Application date
US4700506 A	19871020	US19850769260	19850826

Priority:

US19850769260 19850826

Probable Assignee: DUEA JONATHAN

Assignee(s): (std)**:** HAPPY JACK INC

Assignee(s): WILLIAMS CLARENCE ORVILLE ; DUEA JONATHAN

Inventor(s): (std)**:** WILLIAMS CLARENCE O

384) Family number: 31147865 (US2006210971A)

Title: PECTATE LYASES, NUCLEIC ENCODING THEM AND METHODS FOR MAKING AND USING THEM

Abstract: The invention is directed to polypeptides having pectate lyase (pectinase) activity, polynucleotides encoding the polypeptides, and methods for making and using these polynucleotides and polypeptides. The polypeptides of the invention can be used as pectate lyases to catalyze the beta-elimination or hydrolysis of pectin and/or polygalacturonic acid, such as 1,4-linked alpha-D-galacturonic acid. The invention provides methods of treating fibers, fabrics or any pectate- or polygalacturonic acid-comprising material using one or more pectate lyases of the invention.

Classifications:

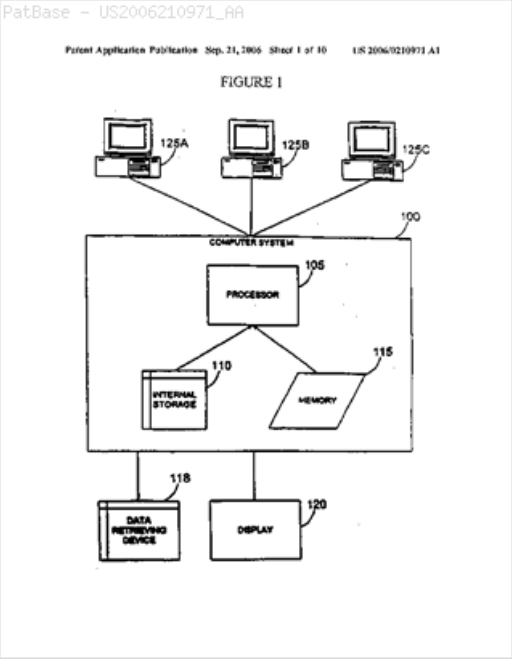
International (IPC 8-9): A01H5/00 A01H5/10 A01K67/027 A01N63/00 A1H5/10 A1K67/027 A23D9/007 A23K1/165 A23K20/189 A23L1/212 A23L1/305 A23L19/00 A23L2/02 A23L33/17 A23L33/195 A61K31/7088 A61K31/713 A61K38/47 A61K38/51 A61K48/00 A61K8/66 A61Q11/00 C07H21/00 C07H21/02 C07H21/04 C07K16/40 C07K19/00 C11B1/02 C11D3/33 C11D3/386 C11D7/42 C12N1/20 C12N11/00 C12N15/10 C12N15/113 C12N15/55 C12N15/56 C12N15/60 C12N15/62 C12N15/63 C12N15/82 C12N5/00 C12N5/10 C12N5/12 C12N9/16 C12N9/24 C12N9/26 C12N9/88 C12P19/00 C12P19/04 C12P19/14 C12P19/34 C12P21/00 C12P21/06 C12P21/08 C12P7/64 C12Q1/34 C12Q1/527 C12Q1/68 C40B30/08 C40B40/10 C40B50/06 C7H21/02 D01C1/02 D06M16/00 D21H17/22 G01N33/573 G06F19/00 G06F19/10 H01B1/00 (Advanced/Invention); A01K67/027 A61K31/7088 A61K31/713 C12Q1/527 G01N33/573 (Core/Invention); C12N (Subclass/Invention)

International (IPC 1-7): C12N C12N0/00 C12N1/00 C12N9/88 H01B1/00

CPC: C12Y302/01067 C12N9/88 C12N15/8242 C12N15/8245 C12N15/8246 C12N15/8282 C12Y302/01015 C12Y402/02002 Y02P20/52

European: C12N15/82C4 C12N15/82C4B2 C12N15/82C4B2A C12N15/82C8B6B C12N9/24 C12N9/88 C12Y302/01015 C12Y302/01067 C12Y402/02002

US: 435/232 435/232P 435/232S 435/252.3 435/320.1 435/320.100S 435/325 435/325S 435/6 435/6.12 435/6.120P 435/69.1 435/69.100S 435/6P 435/71.1 510/320 510/320S 536/23.1 536/23.2 536/23.200S 800/13 800/13S 800/284 800/284S



Family:

Publication number	Publication date	Application number	Application date
CA2521402 AA	20051004	CA20042521402	20040402
CA2521402 C	20150113	CA20042521402	20040402
CA2867954 AA	20041021	CA20042867954	20040402
DE602004047303 D1	20150716	DE200460047303T	20040402
DE602004049441 D1	20160714	DE200460049441T	20040402
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DK2341136 T3	20160912	DK20040180846T	20040402
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EP1613733 A4	20070418	EP20040758802	20040402
EP1613733 B1	20150603	EP20040758802	20040402
EP2341136 A1	20110706	EP20100180846	20040402
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ES2545639 T3	20150914	ES20040758802T	20040402
ES2598037 T3	20170124	ES20100180846T	20040402
HU030493 T2	20170529	HU20100180846T	20040402
IN01961KN2005 A	20060929	IN2005KN01961	20051004
IN02678KN2008 A	20090123	IN2008KN02678	20080702
IN239867 B	20100409	IN2005KN01961	20051004
IN291808 B	20180119	IN2008KN02678	20080702
MXPA05010681 A1	20051215	MX2005PA10681	20040402
PL2341136 T3	20161230	PL20100180846T	20040402
US2006210971 AA	20060921	US20040501442	20040402
US2010021988 AA	20100128	US20090499698	20090708
US7592434 BB	20090922	US20040501442	20040402
US8067222 BB	20111129	US20090499698	20090708
WO04090099 A2	20041021	WO2004US10229	20040402
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Priority:

US20030460842P 20030404 US20030460842 20030404 US20030484798P 20030703
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WO2004US10229 20040402 US20050501442 20051029 US20090499698 20090708
CA20142521402 20141030

Probable Assignee: VERENIUM CORP

Assignee(s): (std): DIVERSA CORP ; KEROVUO JANNE ; GRAY KEVIN ; GERENDASH JOEL ; JANSSEN GISELLE ; DAHOD SAMUN ; SOLBAK ARNE ; MCCANN RYAN ; PUROHIT SHALAKA ; VERENIUM CORP ; BASF ENZYMES LLC

Assignee(s): BASF ENZYMES LLC SAN DIEGO ; COMERICA BANK A TEXAS BANKING ASSOCIATION ; ATHYRIUM OPPORTUNITIES FUND A LP ; VERENIUM CORP3550 JOHN HOPKINS COURTSAN DIEGOCA92121US ; VERENIUM CORP4955 DIRECTORS PLACESAN DIEGOCA92121US ; DIVERSA CORP4955 DIRECTORS PLACESAN DIEGOCA92121-1609US

Inventor(s): (std): KEROVUO JANNE ; SOLBAK ARNE ; GRAY KEVIN ; MCCANN RYAN ; PUROHIT SHALAKA ; GERENDASH JOEL ; JANSSEN GISELLE ; DAHOD SAMUN

Inventor(s): SAMUN DAHOD ; KEROVUO JANNE S ; JANSSEN GISELLEUS ; PUROHIT SHALAKAUS ; DAHOD SAMUNUS ; KEROVUO JANNEUS ; MCCANN RYANUS ; SOLBAK ARNEUS ; GRAY KEVINUS ; GERENDASH JOELUS ; KEROVUO JANNE SAN DIEGO ; MCCANN RYAN SAN DIEGO ; SOLBAK ARNE SAN DIEGO ; GERENDASH JOEL SAN DIEGO ; GRAY KEVIN SAN DIEGO ; DAHOD SAMUN SAN DIEGO ; PUROHIT SHALAKA SAN DIEGO ; JANSSEN GISELLE SAN CARLOS

Agent(s): OGILVY RENAULT LLP SENCRL SRL; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; ROBIC; WAKERLEY HELEN RACHAEL; ISERN JORGE; DIVERSA CORP; VERENIUM INTELLECTUAL PROPERTY DEPARTMENT CORP; JENNIFER; VERENIUM CORP; LYNN M; BRIAN W

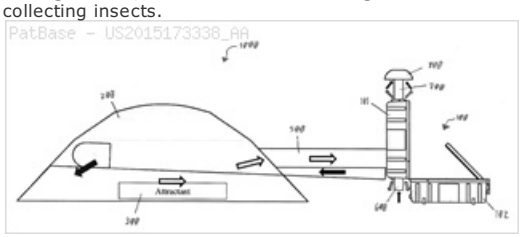
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385) Family number: 59577867 (US2015173338A)

Title: APPARATUS AND METHOD FOR TRAPPING FLYING INSECTS

Abstract: A trap for collecting flying insects, said trap comprising: a housing; a means within the housing for forcing air movement, a means for containing an attractant; and a means for collecting insects, said means for collecting insects further comprising means for preventing insects from exiting said means for collecting insects.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/06 A01M1/08 (Advanced/Invention)
CPC: A01M1/08 A01M1/06 A01M1/023 A01M1/106
US: 43/107



Family:

Publication number	Publication date	Application number	Application date
US2015173338 AA	20150625	US20130137171	20131220

Priority:
US20130137171 20131220

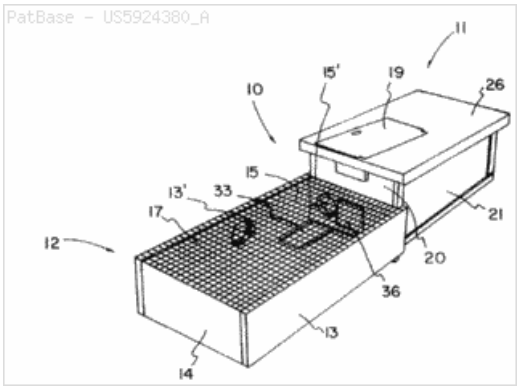
Probable Assignee: MCCAMMON PATRICK
Assignee(s): (std)**:** MCCAMMON PATRICK ; REKEWEG ANDREW
Inventor(s): (std)**:** MCCAMMON PATRICK ; REKEWEG ANDREW

386) Family number: 11639871 (US5924380A)

Title: Protected feeding and watering system for upland game birds

Abstract: This invention is a protected enclosure to allow upland game birds including bobwhite quail to be introduced into and to thrive in the wild with low mortality rate. This is accomplished through the use of an acclimation portion where the birds become used to feeding and watering in the protected enclosure while being allowed to ingress and egress between the acclimation portion and the feeding and watering portion. Provision is made for one or more call birds to be isolated after the acclimation period upon initial introduction into the wild. The call bird or birds can then be reunited with the covey. Commercially available cooked ration can be used which allows vitamins, minerals and other supplements to be added to the normal diet of the birds.

Classifications:
International (IPC 8-9): A01K39/00 A01K39/04 (Advanced/Invention); A01K39/00 (Core/Invention)
International (IPC 1-7): A01K31/00 A01K31/07
CPC: A01K39/00 A01K39/04
European: A01K39/00 A01K39/04
US: 119/429 119/464 119/469 119/51.5 119/515 119/751



Family:

Publication number	Publication date	Application number	Application date
US5924380 A	19990720	US19970993184	19971218

Priority:
US19970993184 19971218

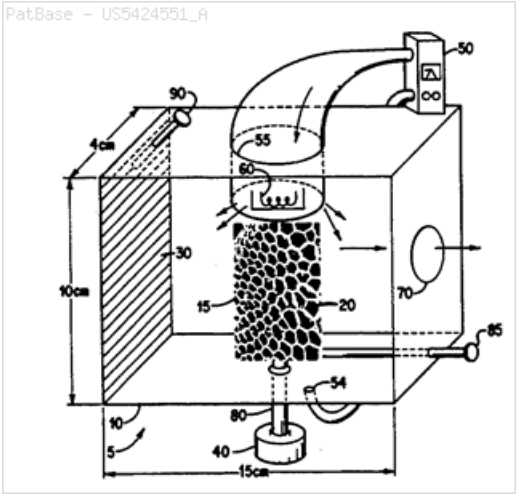
Probable Assignee: RAYBORN GARY DAVID
Assignee(s): (std)**:** RAYBORN GARY DAVID
Inventor(s): (std)**:** RAYBORN GARY DAVID

387) Family number: 8714873 (US5424551A)

Title: Frequency emitter for control of insects

Abstract: The invention overcomes the problems with conventional solutions by utilizing natural (copied) scatter surfaces, dielectric spine (sensilla) forms, correct pumping radiations and correct vibratory modulating frequency to generate coherent or semi-coherent radiation frequencies to control or attract insects. Such control acting either as an attractant (e.g., for trapping) radiation or a frequency quenching (i.e., jamming) radiation for insects.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/04 A01M29/00 G02B5/00 H05C3/00 (Advanced/Invention);
A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/04 A01M29/00 G02B5/00 H05C3/00
CPC: A01M1/02 A01M1/04 A01M2200/012
European: A01M1/02 A01M1/04 K01M200/012
US: 250/493.1 250/503.1 43/113 43/132.1



Family:

Publication number	Publication date	Application number	Application date
AU199478743 A1	19950403	AU19940078743	19940915
CA2171950 AA	19960315	CA19942171950	19940915
EP0746780 A1	19961211	EP19940929815	19940915
EP0746780 A4	19980805	EP19940929815	19940915
US5424551 A	19950613	US19930121368	19930915
WO9508131 A1	19950323	WO1994US10460	19940915

Priority:

US19930121368 19930915 WO1994US10460 19940915

Probable Assignee: RICHARD J FOX G P OF FSG L P
Assignee(s): (std): FOX RICHARD J ; RICHARD J FOX
Assignee(s): RICHARD J FOX G P OF FSG L P ; CALLAHAN PHILIP S
Inventor(s): (std): FOX RICHARD J ; CALLAHAN PHILIP S
Inventor(s): RICHARD J FOX ; PHILIP S CALLAHAN
Agent(s): MBM AND CO
Designated states: AT AU BE CA CH CN DE DK ES FR GB GR IE IT JP LU MC NL PT SE

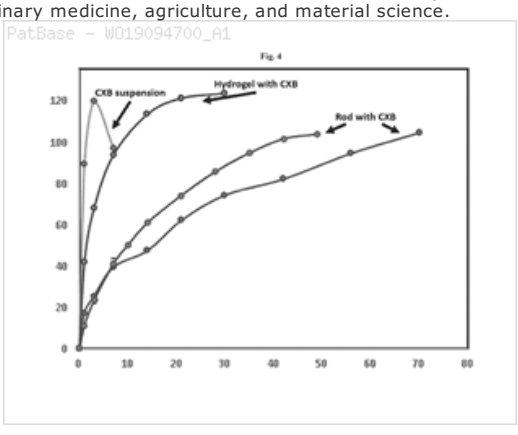
388) Family number: 74357875 (WO19094700A1)

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Title: SILK-BASED PRODUCTS AND METHODS OF USE

Abstract: Embodiments of the present disclosure include silk-based products and related methods of use in a variety of applications. Included are applications in the fields of medicine, veterinary medicine, agriculture, and material science.

Classifications:
International (IPC 8-9): A01K67/00 A01K67/033 A01K67/04 A61K47/00 A61K47/42 A61K9/00 C07K14/00 C07K14/435 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
WO19094700 A1	20190516	WO2018US59996	20181109
WO19094702 A1	20190516	WO2018US59998	20181109

Priority:

US20170584153P 20171110 US20180659209P 20180418 US20180659213P 20180418
US20180680386P 20180604 US20180680371P 20180604

Probable Assignee: COCOON BIOTECH INC
Assignee(s): (std): COCOON BIOTECH INC
Inventor(s): (std): DELISLE SCOTT ; EASTHON LINDSEY ; SANTOS MICHAEL ; TWEED KENT AILIS ; PATTNI BHUSHAN S
Agent(s): WARD DONNA T 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

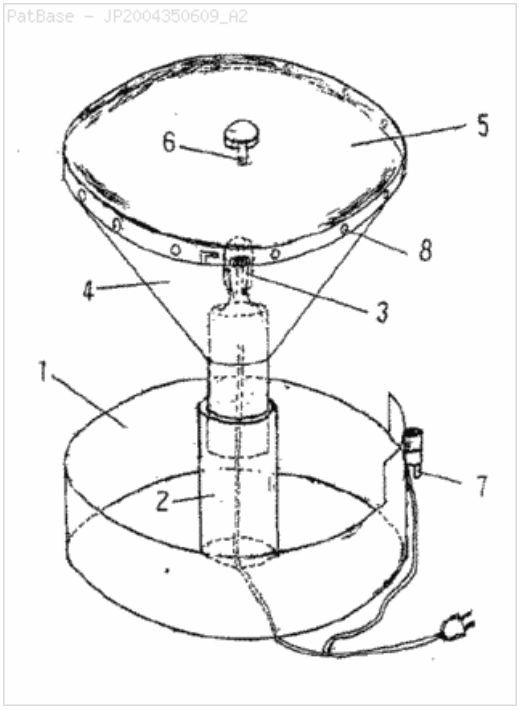
389) Family number: 31499882 (JP2004350609A)

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Title: HARMFUL INSECT-TRAPPING DEVICE

Abstract: PROBLEM TO BE SOLVED: To provide a harmful insects-trapping device flying to fields and fruit trees, by which trapping efficiency in the night at which harmful insects actively fly about is improved by combinedly using a light trap and an attractant such as a sex pheromone. SOLUTION: A light trap 3 is installed on a pipe 2 arranged in a standing state in the center of a trapping container 1 in which water is filled and the light trap 3 is wrapped with a transparent conical type cover 4 and the attractant 6 is provided at the top of an umbrella type cover 5 covered on the conical type cover 4. Then, aeration holes 8 are provided in the joining part between the conical type cover 4 and the umbrella type cover 5 to release an attracting gas for harmful insects to the outside.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/04 (Advanced/Invention); A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/02 A01M1/04



Family:

Publication number	Publication date	Application number	Application date
JP2004350609 A2	20041216	JP20030153922	20030530

Priority:
JP20030153922 20030530

Probable Assignee:	KUBOURA SHIGEHIRO
Assignee(s): (std):	KUBOURA SHIGEHIRO
Inventor(s): (std):	KUBOURA SHIGEHIRO

390) Family number: 50605885 (PH2005000628A)

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Title: INTERMITTENT INSECT TRAP

Abstract: An intermittent insect trap, working time of which can be intermittent and block controlled according to actual operating procedure. The insect trap embodies two primary operations including actuation of ultrasonic waves to excite an attractant and form a mist and formation of an airflow backpressure, thereby ensuring that the attractant is not disturbed by external forces during the course of volatilization, and thus preventing dilution of the attractant. Moreover, intermittent operation of a motor results in substantial savings in power. The insect trap primarily uses a mist excitation device to excite and disperse an insect attractant as attractant particles that suspend in the air and diffuse. After achieving a predetermined diffusion concentration, operation switches over to actuate a backpressure device, which pressures insects attracted close to an attracting area into a receiving chamber through a mechanical unidirectional valve. A preparation inducement period and alternating working times realize mechanical ensnaring of insects, and provides power saving features and safety in use.

Classifications:
International (IPC 8-9): A01M1/02 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
PH2005000628 A	20070828	PH20050000628	20051223

Priority:
PH20050000628 20051223

Probable Assignee:	KAI CHIH INDUSTRIAL CO
Assignee(s):	KAI CHIH INDUSTRIAL CO

Inventor(s): (std): NAI YING JEAN ; WEI PIN CHEN
Agent(s): ATTY CHITO B DIMACULANGAN

391) Family number: 23293887 (US6158166A)

Title: Modular pest control system

Abstract: A modular pest control system which includes structure that is specifically designed to capitalize upon the physiology and/or behavior of a wide assortment of pests to render the system more attractive to the pests. The system is modular in nature whereby it may be configured as desired or necessary to target any combination of one or more species of pests. The modular system preferably includes, at minimum, a first component in the form of a pest control device that may be releasably connectable to a second component. The first component may contain one or more materials or structural features for controlling any individual species or combinations of species of ground crawling pests, termites and rodents. The second component may be a releasable base for securing the first component to vegetation, building surfaces and materials, or targeted areas of soil. Alternatively, the second component itself may be a pest control device that may be releasably connectable to the first component and which anchors the first component to the earth.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/14 A01M1/20 A01M31/00 (Advanced/Invention);
A01M1/00 A01M1/02 A01M1/20 A01M31/00 (Core/Invention)
International (IPC 1-7): A01M1/10 A01M1/20 A01M25/00
CPC: A01M1/026 A01M1/14 A01M1/2011 A01M31/002 A01M2200/011
European: A01M1/02E A01M1/10 A01M1/14 A01M1/20B A01M1/20B1 A01M1/20C A01M31/00A K01M200/011 K01M201/01
US: 43/121 43/131 43/132.1

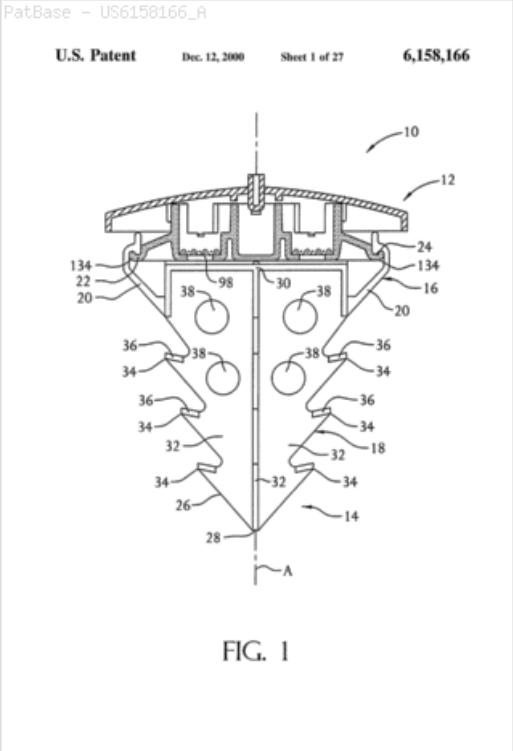


FIG. 1

Family:

Publication number	Publication date	Application number	Application date
US6158166 A	20001212	US19980145904	19980902
US6378243 BA	20020430	US20000695802	20001025

Priority:
US19980145904 19980902 US20000695802 20001025

Probable Assignee: M AND T BANK
Assignee(s): (std): B AND G EQUIPMENT CO ; B AND G EQUIPMENT COMPANY
Assignee(s): G EQUIPMENT COMPANY ; M AND T BANK ; B AND G EQUIPMENT CO INC F K A B AND G ACQ CORP ; GLAS TRUST CORP LTD ; B AND G EQUIPMENT CO INC ; B AMP AMP ; B AND G ACQ CORP
Inventor(s): (std): SNELL ERIC J ; YEAGLE SR BRUCE C

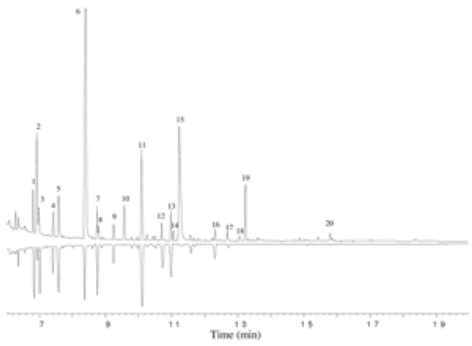
392) Family number: 66859888 (US2017251664A)

Title: METHODS OF ATTRACTING DROSOPHILA SUZUKII USING ACETOIN BLEND

Abstract: Methods of attracting *Drosophila suzukii,* involving treating an object or area with a *Drosophila suzukii* attracting effective amount of a composition containing acetoin and at least one compound selected from ethyl octanoate, acetic acid, ethyl acetate, phenethyl alcohol, or mixtures thereof; wherein said composition does not contain ethanol.
Classifications:
International (IPC 8-9): A01N31/04 A01N35/02 A01N37/00 A01N37/02 A01N65/34 (Advanced/Invention)
CPC: A01N35/02 A01N37/02 Y02A50/326 A01N31/04 A01N65/34
US: 424/84

PatBase - US2017251664_AA

Figure 1



Family:

Publication number	Publication date	Application number	Application date
US2017251664 AA	20170907	US20170450208	20170306
US2019021319 AA	20190124	US20180123496	20180906

Priority:

US20160304497P 20160307 US20170450208 20170306 US20180123496 20180906

Probable Assignee: US AGRICULTURE

Assignee(s): (std)**:** US AGRICULTURE

Assignee(s): SECRETARY OF AGRICULTURE AS US GOV

Inventor(s): (std)**:** ZHANG AIJUN ; FENG YAN

393) Family number: 32024889 (US2006236591A)

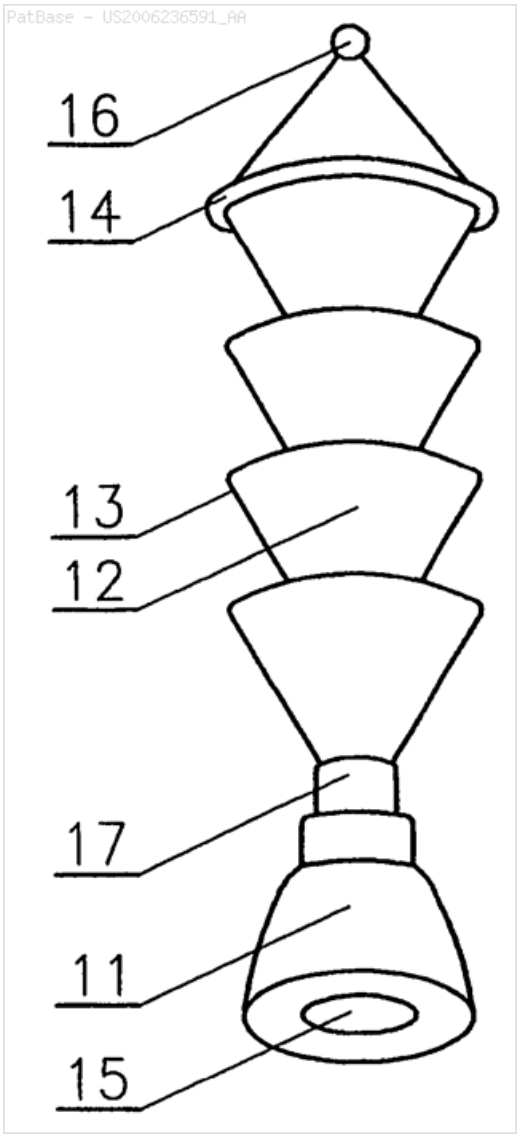
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Title: TRAP FOR CATCHING WOODLAND, GARDEN AND AGRICULTURAL INSECT PESTS AND METHOD FOR TRAPPING AND STORING WOODLAND, GARDEN AND AGRICULTURAL INSECT PESTS

Abstract: A trap for catching woodland, garden, and agricultural insect pests, consisting of a catching part (37) with an outlet opening, and a container (31) for storing caught pests, has a device for separating the captured pests from water and small debris. The device for separating the captured pests from water and small debris is placed between the outlet opening of the catching part and the container. The device for separating the caught pests from water and small debris has a shape of a funnel (135) having a funnel inlet covered up by a mesh (32) and an funnel outlet (36) situated outside of the container (31) for storing the caught pests. The funnel inlet is placed below the outlet opening of the catching part (37).

Classifications:

International (IPC 8-9): A01M1/00 A01M1/02 A01M1/10 A01M1/20 A01M5/00 (Advanced/Invention);
A01M1/00 A01M1/02 A01M1/20 (Core/Invention)
International (IPC 1-7): A01M1/00 A01M1/02 A01M1/10 A01M1/20
CPC: A01M1/02 A01M1/103 A01M2200/011
European: A01M1/02 A01M1/10 A01M1/10C K01M200/011 K01M201/01
US: 43/107 43/107P 43/122



Family:

Publication number	Publication date	Application number	Application date
AT488136 E	20101215	AT20040748884T	20040730
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CA2534315 AA	20060130	CA20042534315	20040730
CA2534315 C	20121030	CA20042534315	20040730
CN1859844 A	20061108	CN200480028348	20040730
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DE602004030129 D1	20101230	DE200460030129T	20040730
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EA200600338 A1	20060630	EA20060000338	20040730
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EP1659861 B1	20101117	EP20040748884	20040730
EP1659861 B8	20110622	EP20040748884	20040730
ES2356635 T3	20110411	ES20040748884T	20040730
HR20100701 T1	20110831	HR20100000701	20101217
PL203369 B1	20090930	PL20030361513	20030731
PL205196 B3	20100331	PL20040369216	20040722
PL361513 A1	20050207	PL20030361513	20030731
PL369216 A3	20060123	PL20040369216	20040722
PT1659861 T	20101216	PT20040748884T	20040730
SI1659861 T1	20110331	SI20040031602T	20040730
UA89031 C2	20091225	UA20060002220	20040730
US2006236591 AA	20061026	US20040566449	20040730
US2010139151 AA	20100610	US20100688507	20100115
US7669362 BB	20100302	US20040566449	20040730
WO05011374 A1	20050210	WO2004PL00060	20040730
WO05011374 C1	20060914	WO2004PL00060	20040730

Priority:

PL20030361513 20030731 PL20030361513 20030801 PL20040369216 20040722
EP20040748884 20040730 WO2004PL00060 20040730 US20040566449 20040730
US20060566449 20060127 US20100688507 20100115

Probable Assignee: BASF SE

Assignee(s): (std)**:** BASF CORP ; BASF SE ; CWIKLINSKI LESZEK ; BARCZYK ANDRZEJ ; BASF AG ; WIKLI

Assignee(s): C WIKLIN SKI LESZEK ; BASF AKTIENGESELLSCHAFT ; LESZEK CWIKLINSKI ; ANDRZEJ BARCZYK

Inventor(s): (std): BARCZYK ANDRZEJ ; CWIKLINSKI LESZEK ; WIKLI ; ZWIKLINSKI LESZEK ; BARCHIK ANDRZEI ; LESZEK CWIKLINSKI ; ANDRZEJ BARCZYK ; ANDRZEJ CWIKLINSKI LESZEK BARC

Inventor(s): C WIKLIN SKI LESZEK ; CWIKLINSKI LESZEK BARCZYK ANDRZEJ

Agent(s): WATERMARK INTELLECTUAL PROPERTY PTY LTD; WATERMARK PATENT AND TRADE MARKS ATTORNEYS; ROBIC; HUTCHISON LAW GROUP PLLC; BRINKS HOFER GILSON AND LIONE

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG 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 NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

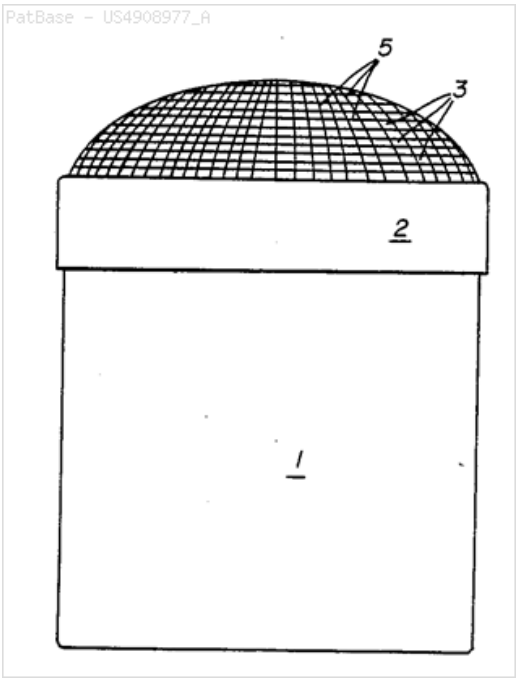
394) Family number: 2911891 (US4908977A)

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Title: Device for killing arthropods

Abstract: An improved device for killing arthropods characterized by a sloped target area that contains a toxicant, the device being devoid of any containment vessel for dead arthropods.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/20 (Advanced/Invention); A01M1/02 A01M1/20 (Core/Invention)
International (IPC 1-7): A01M1/20
CPC: A01M1/02 A01M1/2005 A01M1/2044 A01M1/2055 A01M2200/012
European: A01M1/02 A01M1/02B A01M1/20A A01M1/20B A01M1/20C2L A01M1/20C2S K01M200/012 K01M201/02
US: 43/107 43/114 43/122 43/131



Family:

Publication number	Publication date	Application number	Application date
AU199048414 A1	19900813	AU19900048414	19900109
EP0378431 A1	19900718	EP19900300354	19900112
EP0453470 A1	19911030	EP19900901710	19900109
NZ232083 A	19910925	NZ19900232083	19900111
US4908977 A	19900320	US19890296747	19890113
US5046280 A	19910910	US19890340286	19890419
US5150541 A	19920929	US19900597404	19901015
WO9007875 A1	19900726	WO1990US00035	19900109
ZA9000233 A	19910925	ZA19900000233	19900112

Priority:

US19890296747 19890113 US19890340286 19890419 US19890340287 19890419
WO1990US00035 19900109 US19900597404 19901015

Probable Assignee: NOVARTIS AG

Assignee(s): (std): DU PONT

Assignee(s): E I DU PONT DE NEMOURS AND CO ; E I DU PONT DE NEMOURS AND CO A CORP OF DE ; E I DU PONT DE NEMOURS AND CO A CORP OF DELAWARE ; E I DU PONT DE NEMOURS AND COMPANY ; EI DU PONT DE NEMOURS AND CO ; EI DU PONT DE NEMOURS AND CO A CORP OF DE ; SANDOZ LTD ; NOVARTIS AG ; JPMORGAN CHASE BANK NATIONAL ASSOCIATION AS ADMINI ; JPMORGAN CHASE BANK NATIONAL ASSOCIATION ADMINISTR ; JPMORGAN CHASE BANK NATIONAL ASSOCIATION ADMINISTRATIVE AGENT AS ; TFH PUBLICATIONS INC

Inventor(s): (std): PHILIP VAUGHAN JENNINGS ; JENNINGS PHILIP VAUGHAN ; JAMES PERRY FOSTER ; FOSTER JAMES PERRY ; FOSTER JAMES P ; JENNINGS PHILIP V

Agent(s): CALLINANS; FISHER ADAMS KELLY CALLINANS; SPRUSON AND FERGUSON

Designated states: AT AU BE BR CH DE DK ES FR GB GR IT LI LU NL SE

395) Family number: 30115893 (US2002146394A)

© PatBase

Title: Mycoattractants and mycopesticides

Abstract: The present invention utilizes the pre-sporulation (preconidial) mycelial stage of entomopathogenic fungi as insect

attractants and/or pathogens. The fungus can be cultivated on grain, wood, agricultural wastes or other cellulosic material, attracting the insect and optionally introducing insect-specific pathogenic fungi. More than one fungus and substrate can be used in combination. The matrix of preconidial fungi can optionally be dried, freeze-dried, cooled and/or pelletized and packaged and reactivated for use as an effective insect attractant and/or biopesticide. Attractant extracts of the preconidial entomopathogenic mycelium are disclosed.

Classifications:

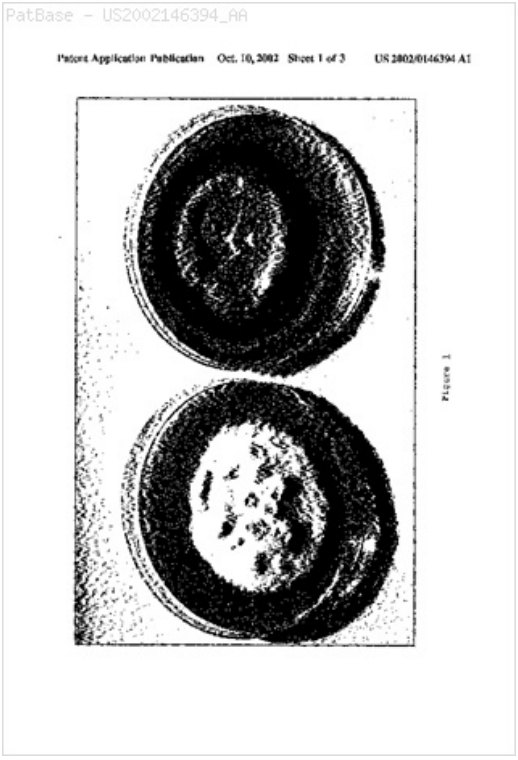
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International (IPC 1-7): A01N25/00 A01N25/32 A01N63/00 A01N63/04 A01N65/00 A61K35/84 A61P31/12 A61P31/18

CPC: A01N25/32 A01N25/006 A01N25/02 A61K35/644 A61K45/06 A01N63/04 A61K31/12 A61K31/7048 A61K31/05 A23K20/163 A23K50/90 A01N2300/00 A23L1/3018 A61K9/12 A23K20/147 A23K20/158 A23K20/00 A61K2300/00 Y02A50/473 A61K36/074 C12N2760/12211 Y02A50/463 A61K36/06 A61K31/37 A61K31/192 A61K31/352 A01K51/00 A01N65/00 A23K10/30 A23K20/10 A23K20/111 A23L33/145 A23V2002/00 A61K36/07 Y02A50/465

European: A01N63/04 A61K35/84 A61K36/06 A61K36/07 A61K36/074 M12N760/12211

US: 1/1 424/195.15 424/195.150P 424/195.150S 424/274.1 424/402 424/405 424/406 424/407 424/409 424/410 424/411 424/411P 424/413 424/417 424/418 424/488 424/537 424/795.15 424/84 424/84P 424/84S 424/85.4 424/85.400S 424/85.5 424/85.500P 424/93.5 424/93.500S 424/93.6 424/93.600S 435/178 435/179 435/180 435/238 435/238S 435/243 435/252 435/254.1 514/27 514/456 514/457 514/568 514/570 514/678 536/18.1 549/287 549/400 562/475 562/478 562/496 568/308



Family:

Publication number	Publication date	Application number	Application date
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IN201717033224 A	20171201	IN201717033224	20170919
PL3110260 T3	20190131	PL20150714701T	20150309
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US2002146394 AA	20021010	US20010969456	20011001
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WO0228189 A3	20020829	WO2001US31339	20011003
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WO15138361 A1	20150917	WO2015US19543	20150309
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Priority:

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US20180950301	20180411				

Probable Assignee: MYCOSYS LLC

Assignee(s): (std): MYCO PESTICIDES LLC ; MYCOSYS LLC ; STAMETS PAUL ; STAMETS PAUL E ; STAMETS PAUL EDWARD

Assignee(s): STAMETS PAUL EDWARD SHELTON ; PAUL EDWARD STAMETS ; PAUL STAMETS

Inventor(s): (std): STAMETS PAUL ; STAMETS PAUL EDWARD ; STAMETS PAUL E

Inventor(s): PAUL EDWARD STAMETS ; STAMETS PAUL EDWARD SHELTON ; PAUL STAMETS

Agent(s): SPRUSON AND FERGUSON; GRIFFITH HACK; ROBIC; POTTER CLARKSON LLP; VALLEJO JUAN PEDRO; FULYA SUEMERALP; WILLIAM R HYDE; WILLIAM R; BERNARD A; HYDE WILLIAM R

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 YU ZA ZM ZW

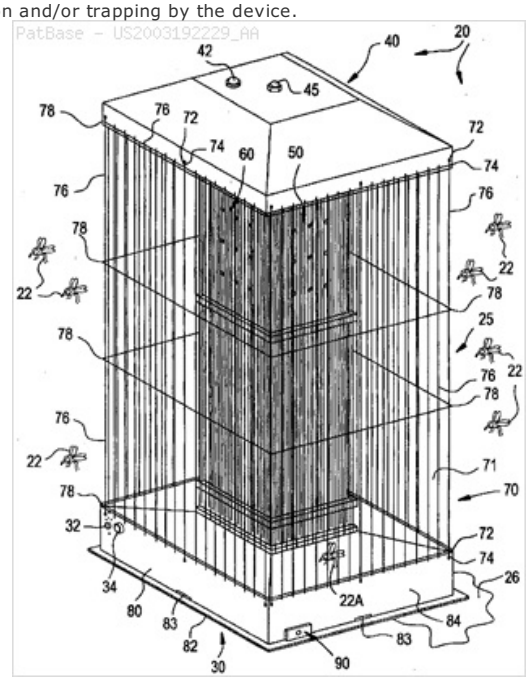
396) Family number: 12194896 (US2003192229A)

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Title: ATTRACTING MOSQUITOES FOR ELECTROCUTION AND/OR TRAPPING

Abstract: An insect killing system optimized for mosquitoes uses multiple thermal gradients to simulate the breathing of, and body heat emitted by, animals, including human beings and fowl, to attract insects for subsequent electrocution and/or trapping. Mosquitoes are attracted to a mosquito-killing device for electrocution and/or trapping. Heat is generated within the device such that a heat gradient between an outer surface of the device and the atmosphere surrounding the device is created thereby emulating emission of body heat by an animal. At least one mosquito attractant, such as an aromatic, a pheromone, or moisture, is emitted from the device. And an airflow is created that sucks mosquitoes, which have been attracted to the outside of the device, into the device for electrocution and/or trapping by the device.

Classifications:
International (IPC 8-9): A01K77/00 A01M1/02 A01M1/06 A01M1/20 A01M1/22 (Advanced/Invention)
International (IPC 1-7): A01M1/04 A01M1/06 A01M1/08 A01M1/22 H05C3/00
CPC: A01M1/023 A01M1/06 A01M1/223 A01M2200/012
European: A01M1/02C A01M1/06 A01M1/08 A01M1/20A1 A01M1/20C A01M1/22 A01M1/22B K01M200/012 K01M201/02
US: 43/112 43/112P 43/113 43/139 431/120



Family:

Publication number	Publication date	Application number	Application date

AU199862788 A1	19990802	AU19980062788	19980212
US2003192229 AA	20031016	US20030445584	20030527
US5595018 A	19970121	US19950395910	19950228
US6050025 A	20000418	US19960761282	19961206
US6568124 BA	20030527	US19980009122	19980120
US7832140 BB	20101116	US20030445584	20030527
US8109036 BA	20120207	US20090454459	20090518
WO9935908 A1	19990722	WO1998US02872	19980212

Priority:

US19950395910 19950228 US19960761282 19961206 US19980009122 19980120
WO1998US02872 19980212 US20030445584 20030527 US20090454459 20090518

Probable Assignee: SHRADER TIFFANY

Assignee(s): (std): ARCTIC PRODUCTS LLC ; ARTIC PRODUCTS LLC ; EPAR LLC ; WILBANKS ALVIN D

Assignee(s): SHRADER TIFFANY ; LIGHTSHIP CAPITAL LLC ; ARTIC PRODUCTS LLC PO BOX

Inventor(s): (std): WILBANKS ALVIN D

Inventor(s): ALVIN D WILBANKS

Agent(s): MICHAEL J

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 UA UG UZ VN YU ZW

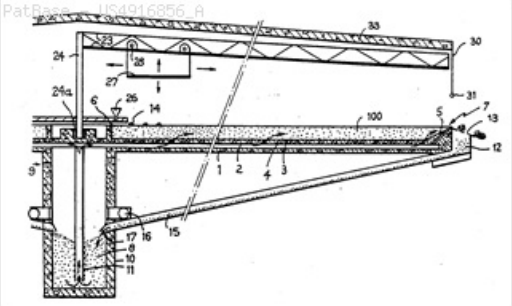
397) Family number: 6139898 (US4916856A)

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Title: PROCESS FOR THE AUTOMATED GROWING OF A GROUP OF PLANTS AND CORRESPONDING INSTALLATION

Abstract: The process for the automated growing of a group of plants in an artificial medium which is solid, liquid or a mixture thereof, comprises sowing collectively seeds or planting young plants directly on a region of the artificial medium, with a small spacing therebetween, and displacing said region progressively as a function of the growth of the plants and increasing the area of said region in the longitudinal and transverse directions so that the spacing between the plants increases in these two directions in proportion to the development of the plants until they reach maturity.

Classifications:
International (IPC 8-9): A01G31/00 A01G31/02 A01G31/04 A01G31/06 (Advanced/Invention);
A01G31/00 A01G31/02 (Core/Invention)
International (IPC 1-7): A01G31/00 A01G31/02 A01G9/00
CPC: A01G31/047 A01G31/042 Y02P60/216 A01G31/04
European: A01G31/04
US: 47/62 47/62R 47/63 47/65 47/650



Family:

Publication number	Publication date	Application number	Application date
AT38609 E	19881215	AT19850430004T	19850304
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ES541646 A0	19861116	ES19850541646	19850306
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FR2632814 B2	19910816	FR19880008558	19880620
JP61501676 T2	19860814	JP19850501073T	19850304
NO854241 A	19851030	NO19850004241	19851024
NO854241 L	19851030	NO19850004241	19851024
SU1540646 A3	19900130	SU19853979038	19851106
US4916856 A	19900417	US19870130583	19871209
WO8503843 A1	19850912	WO1985FR00039	19850304

Priority:

FR19840004313 19840307 FR19850003245 19850227 EP19850430004 19850304
WO1985FR00039 19850304 US19850800121 19851029 FR19850017625 19851122
US19870130583 19871209 FR19880008558 19880620

Probable Assignee: BOURGOGNE PIERRE

Assignee(s): (std): BOURGOGNE MARCEL PIERRE ; BOURGOGNE PIERRE ; BOURGOGNE PIERRE M ; BOURGOGNE PIERRE MARCEL ; MARSEL BURGON

Assignee(s): BOURGOGNE PIERRE MARCEL NIZZA NICE FR ; PER MARSEL BURGON FR

Inventor(s): (std): BURGON PER MARSEL ; PIERRE BOURGOGNE MARCEL ; BOURGOGNE PIERRE MARCEL ; BOURGOGNE PIERRE M ; BOURGOGNE MARCEL PIERRE

Inventor(s): PER MARSEL BURGON FR ; BOURGOGNE PIERRE MARCEL NIZZA NICE FR

Designated states: AT BE CH DE DK GB IT JP LI LU NL NO SE SU US

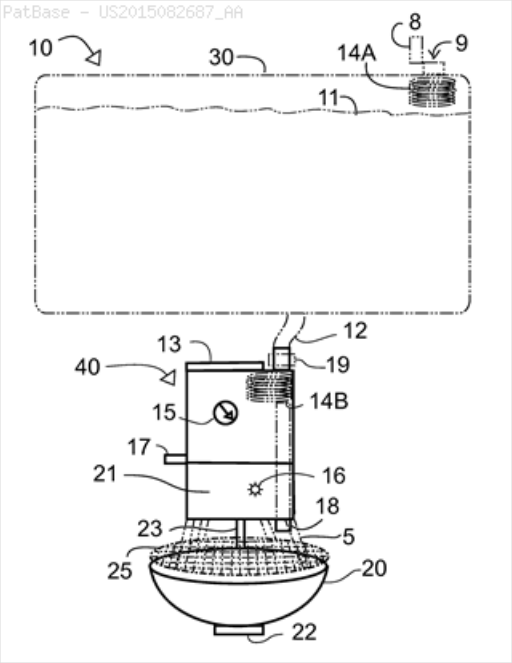
398) Family number: 58761898 (US2015082687A)

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Title: AUTOMATIC SELF FUNCTIONING FULL SEASON MOSQUITO LARVAE ERADICATOR

Abstract: A portable, self-sustaining, automatic device for eliminating mosquito larvae operates throughout the entire mosquito breeding season. Mosquitos are lured to lay eggs in the stagnant water contained within a breeding bowl of the device. The subsequent larvae is disposed of by tipping the bowl or uncovering a bottom bowl opening to empty the bowl of water and larvae and kill the larvae in a timed cycle before they become mosquitoes. A water reservoir supplies sufficient water to replenish the bowl throughout the season. The device is solar powered and timed to correspond to mosquito breeding cycles.

Classifications:
International (IPC 8-9): A01M1/12 (Advanced/Invention)
CPC: A01M1/12 Y02A50/371
US: 43/111



Family:

Publication number	Publication date	Application number	Application date
US2015082687 AA	20150326	US20130038636	20130926

Priority:

US20130038636 20130926

Probable Assignee: NEFF JOHN D

Assignee(s): (std): NEFF JOHN D

Inventor(s): (std): NEFF JOHN D

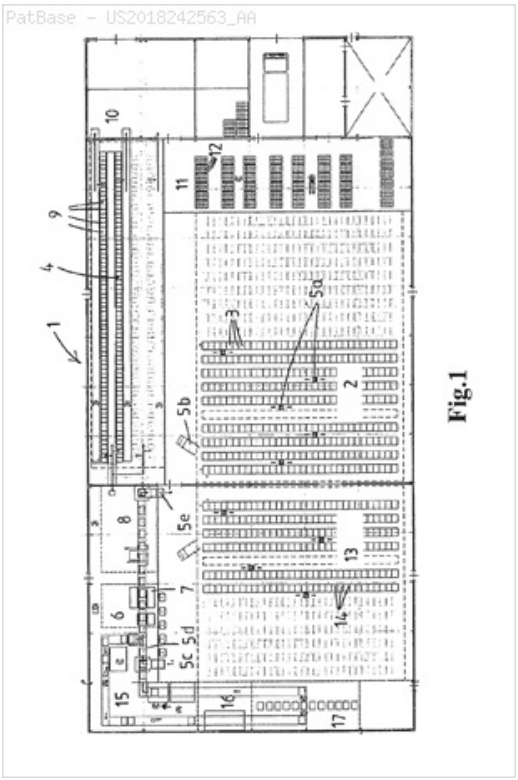
399) Family number: 63676902 (US2018242563A)

© PatBase

Title: METHOD AND FACILITY FOR BREEDING INSECTS

Abstract: The present invention relates to an insect spawning container in which at least one spawn structure is provided in which the mother insects will spawn their eggs. The spawn structure has a scalable face such that the mother beetles can crawl from the bottom onto and up along the scalable face of the spawn structure, the spawn structure comprising a multitude of crevices accessible from the scalable face, the crevices having dimensions tuned to the egg-laying tube of the mother beetles.

Classifications:
International (IPC 8-9): A01K67/033 (Advanced/Invention)
CPC: A01K2227/706 A01K67/033



Family:

Publication number	Publication date	Application number	Application date
EP3273778 A2	20180131	EP20160722409	20160310
NL2014514 A1	20161010	NL20152014514	20150324
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US2018242563 AA	20180830	US20160558345	20160310
WO16153340 A2	20160929	WO2016NL50168	20160310
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Priority:

NL20152014514 20150324 WO2016NL50168 20160310

Probable Assignee: PROTI FARM R AND D BV

Assignee(s): (std)**:** PROTI FARM R AND D BV

Inventor(s): (std)**:** FRANKEN PIETER JOHANNES ANTONIUS ; CALIS HANS ; CALIS JOHANNES IGNATIUS MARIA ; JOHANNES IGNATIUS MARIA CALIS ; PIETER JOHANNES ANTONIUS FRANKEN

Agent(s): EP AND C; DE GRAVE WOLTERINK IJCME

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

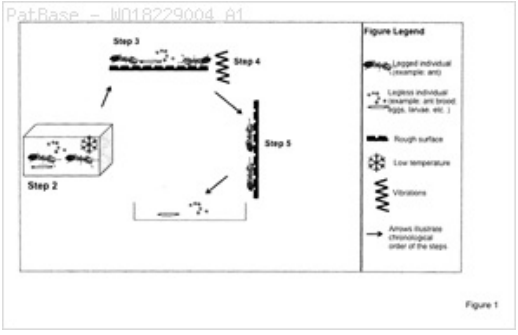
400) Family number: 72475902 (WO18229004A1)

© PatBase

Title: PROCESS AND DEVICE FOR SEPARATING INSECTS

Abstract: This invention relates to a new technique of insect separation that allows sorting legged from legless insects and insects with non-functional legs; it is suitable for insect sorting devices, techniques and methods used in food, feed, cosmetic and pharmaceutical-industry.

Classifications:
International (IPC 8-9): A01K67/033 A01M1/02 (Advanced/Invention)
CPC: A01M1/026 A01K67/033



Family:

Publication number	Publication date	Application number	Application date
EP3415002 A1	20181219	EP20170175473	20170612
WO18229004 A1	20181220	WO2018EP65374	20180611

Priority:

EP20170175473 20170612

Probable Assignee: IST AUSTRIA

Assignee(s): (std)**:** IST AUSTRIA ; IST AUSTRIA INST OF SCIENCE AND TECH AUSTRIA

Assignee(s): IST AUSTRIA INSTITUTE OF SCIENCE AND TECHNOLOGY AUSTRIA

Inventor(s): (std)**:** CREMER SIXT SYLVIA MARIA ; EL MASRI LEILA

Agent(s): WICHMANN HENDRIK

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

401) Family number: 47308903 (WO10120162A1)

© PatBase

Title: BAIT STATION INTENDED FOR AGRICULTURAL PEST CONTROL

Abstract: The invention relates to a bait station which can be used to control agricultural pests without spraying large amounts of insecticides on crops, thereby preventing the consequent ecological damage caused by soil contamination and the deaths of other non-targeted organisms, such as bees and beneficial insects. The invention is characterised in that it includes: a base module having a lower sealed end and an upper open end and intended to house liquid insecticides and/or baits; preferably a substrate on which an attractant/insecticide is deposited; and an upper module having a lower open end and an upper sealed end, which is coupled or secured to the base module with coupling and securing means, said upper module being provided with peripherally-arranged windows that allow the free circulation of air from any cardinal point as well as the entry and exit of the insects. Moreover, the upper sealed end of the upper module includes an attachment element which is attached to a suspension means so that the station can be suspended at a pre-determined height.

Classifications:

International (IPC 8-9)**:** A01M1/10 A01M1/20 (Advanced/Invention)

CPC: A01M1/2016 A01M2200/012

European: A01M1/20B2 K01M200/012

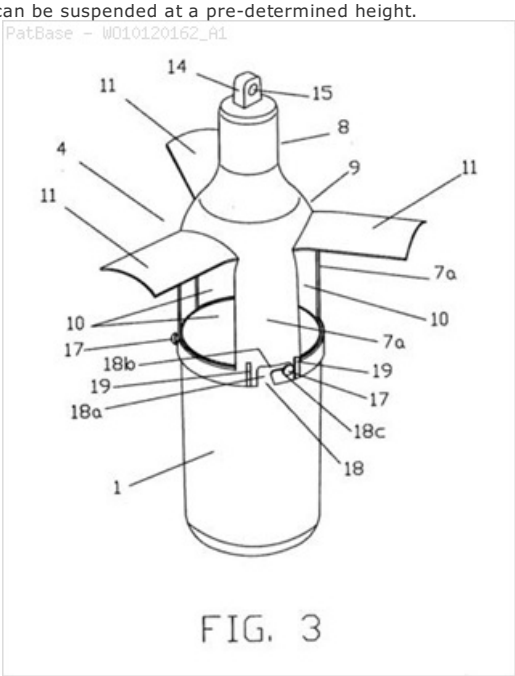


FIG. 3

Family:

Publication number	Publication date	Application number	Application date
MX2009003971 A1	20101014	MX20090003971	20090415
WO10120162 A1	20101021	WO2010MX00034	20100412

Priority:

MX20090003971 20090415

Probable Assignee: NIEVES ORDAZ FILIBERTO

Assignee(s): (std)**:** NIEVES ORDAZ FILIBERTO ; ORDAZ FILIBERTO NIEVES

Assignee(s): FILIBERTO NIEVES ORDAZ

Inventor(s): (std)**:** NIEVES ORDAZ FILIBERTO ; ORDAZ FILIBERTO NIEVES

Inventor(s): FILIBERTO NIEVES ORDAZ

Agent(s): SAMANO SILVA SALVADOR

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 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 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 PE PG PH PL PT RO RS RU 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

402) Family number: 4897908 (US4551941A)

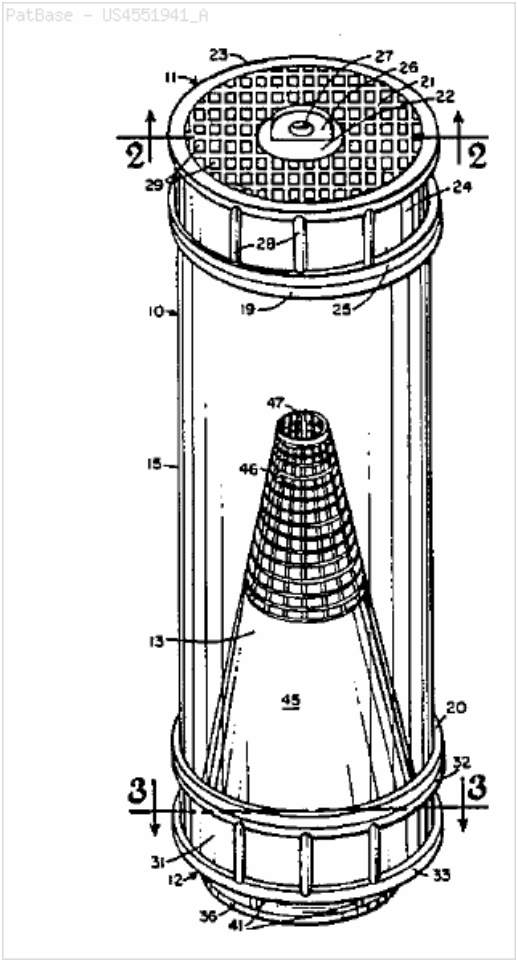
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Title: Insect trap selective for wasps

Abstract: A transparent cylindrical insect trap provides a bottom entry to a circular truncated entry cone that exits into a

cylindrical entrapment chamber, all configured to inhibit insect exit therefrom. The trap top provides a screened orifice to allow volatile olfactory attractant to move upwardly out of the entrapment chamber and entry orifices allow it to move downwardly therefrom. Parts of the trap are colored to provide an optical attractant. The death of insects is hastened in the trap by excessive heat from the 'greenhouse' effect and over-exertion caused by the trap design. Both attractants and trap structure cause selective entrapment of wasps.

Classifications:
International (IPC 8-9): A01M1/04 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/02
CPC: A01M1/106 A01M1/04 A01M2200/012
European: A01M1/02B A01M1/04 A01M1/10F K01M200/012 K01M201/02
US: 43/107 43/121 43/122



Family:

Publication number	Publication date	Application number	Application date
US4551941 A	19851112	US19840580934	19840216

Priority:
US19840580934 19840216

Probable Assignee:	SCHNEIDMILLER RODNEY G
Assignee(s): (std):	SCHNEIDMILLER RODNEY G
Inventor(s): (std):	SCHNEIDMILLER RODNEY G

403) Family number: 11383911 (US5269258A)

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Title: Hummingbird and lepidopterous feeder

Abstract: An interchangeable feeder in the form of a dish container has a central ant trap with a surrounding moat. The moat has drain holes for excess fluid and surrounding the moat is a feed trough. A cover with a central aperture encloses the feed trough and a plurality of apertures through the wall of the cover allow access to the feed trough. In one form the cover has at least one tray like depression for the reception of fruit or other material that will attract an insect.

Classifications:
International (IPC 8-9): A01K39/01 A01K39/014 (Advanced/Invention)
International (IPC 1-7): A01K39/00
CPC: A01K39/01 A01K39/014 A01K39/0206
European: A01K39/01 A01K39/014 A01K39/02B
US: 119/57.9 119/579 119/61 119/61.53 119/72



Family:

Publication number	Publication date	Application number	Application date
US5269258 A	19931214	US19930026500	19930305

Priority:

US19930026500 19930305

Probable Assignee: BROWN ARTHUR C

Assignee(s): (std)**:** BROWN ARTHUR C

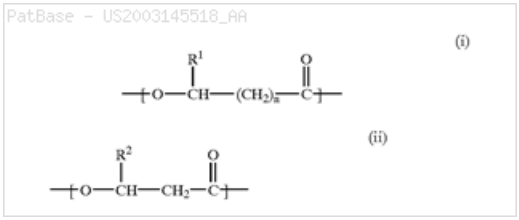
Inventor(s): (std)**:** BROWN ARTHUR C

404) Family number: 29493916 (US2003145518A)

Title: AGRICULTURAL ITEMS AND AGRICULTURAL METHODS COMPRISING BIODEGRADABLE COPOLYMERS

Abstract: An agricultural item comprising a biodegradable polyhydroxyalkanoate copolymer comprising two randomly repeating monomer units. The first randomly repeating monomer unit has the structure: wherein R1 is H or a C1-2 alkyl, and n is 1 or 2; and the second randomly repeating monomer unit has the structure: wherein R2 is a C3-19 alkyl or a C3-19 alkenyl. At least 50 percent of the randomly repeating monomer units have the structure of the first randomly repeating monomer unit.

Classifications:
International (IPC 8-9): A01G13/00 A01G5/02 A01G9/02 A01G9/12 A01M29/00 A01N25/10 A01N25/34 C05G3/00 C08G63/06 C08G63/49 C08L101/16 (Advanced/Invention);
A01N25/10 (Advanced/Non-invention);
A01G13/00 A01G5/00 A01G9/02 A01G9/12 A01M29/00 A01N25/10 A01N25/34 C05G3/00 C08G63/00 C08L101/00 (Core/Invention)
International (IPC 1-7): A01B79/02 A01G13/00 A01G5/02 A01G9/02 A01G9/12 A01M29/00 A01N025/10 A01N25/10 A01N25/34 C05G3/00 C05G5/00 C08G63/06 C08G63/49 C08L101/16
CPC: Y10S514/95 Y10S514/953 C08G63/06 A01N25/10
European: A01N25/10 C08G63/06
US: 47/58.1SE 504/360 514/950 514/953 71/64.13



Family:

Publication number	Publication date	Application number	Application date
AU2001268301 AA	20011217	AU20010268301	20010608
AU2001268301 BB	20050818	AU20010268301	20010608
AU200168301 A1	20011217	AU20010068301	20010608
AU200168301 A5	20011217	AU20010068301D	20010608
BRPI0111539 A	20030909	BR2001PI11539	20010608
CA2410212 AA	20021120	CA20012410212	20010608
CN1444445 A	20030924	CN20018013672	20010608
EP1298992 A2	20030409	EP20010946223	20010608
IN02012DN2005 A	20100326	IN2005DN02012	20050511
JP2003534819 T2	20031125	JP20020501255T	20010608
KR100586211 B1	20060607	KR20027016758	20010608
KR20030007927 A	20030123	KR20027016758	20010608
MXPA02012181 A1	20030425	MX2002PA12181	20010608
US2003145518 AA	20030807	US20020309997	20021204
US6903053 BB	20050607	US20020309997	20021204
WO0193678 A2	20011213	WO2001US18748	20010608
WO0193678 A3	20020613	WO2001US18748	20010608

Priority:

US20000210557 20000609 US20000210557P 20000609 WO2001US18748 20010608 US20020309997 20021204

Probable Assignee: MEREDIAN INC

Assignee(s): (std)**:** NODA ISAO ; PROCTER AND GAMBLE ; SATKOWSKI MICHAEL MATTHEW ; THE PROCTER AND GAMBLE

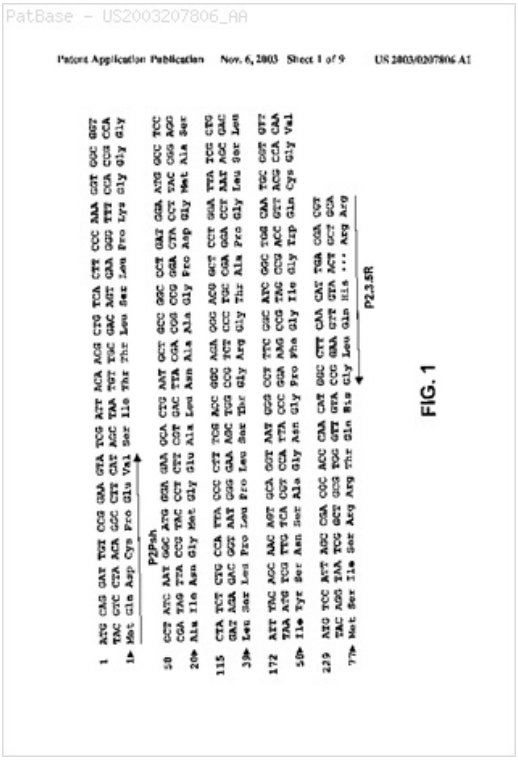
	COMPANY ; PROCTER AND GAMBLE CO
Assignee(s):	UNITED NATIONAL BANK ; WHITE OAK GLOBAL ADVISORS LLC ; SOUTHEAST COMMUNITY DEVELOPMENT FUND X LLC ; THE PROCTER AND GAMBLE CO ; AMCREF FUND XI LLC ; EMPOWERMENT REINVESTMENT FUND XX LLC ; MEREDIAN BIOPLASTICS INC ; MEREDIAN INC ; MEREDIAN NCF SUB CDE LLC
Inventor(s): (std):	I NODA ; MM SATKOWSKI ; NODA I ; NODA ISAO ; SATKOWSKI M M ; SATKOWSKI MICHAEL MATTHEW
Inventor(s):	ISAO NODA ; M M SATKOWSKI ; MICHAEL MATTHEW SATKOWSKI
Agent(s):	PHILLIPS ORMONDE FITZPATRICK; DIMOCK STRATTON LLP; TANI YOSHIKAZU; ABE KAZUO; STONE ANGELA MARIE; MCCONIHAY JULIE A; LEWIS LEONARD W; JULIE A; LEONARD W; ANGELA MARIE
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 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

405) Family number: 8797921 (US2003207806A) © PatBase

Title: INSECTICIDAL PROTEIN TOXINS FROM PHOTORHABDUS

Abstract: Proteins from the genus Photorhabdus are toxic to insects upon exposure. Photorhabdus luminescens (formerly Xenorhabdus luminescens) have been found in mammalian clinical samples and as a bacterial symbiont of entomopathogenic nematodes of genus Heterorhabditis. These protein toxins can be applied to, or genetically engineered into, insect larvae food and plants for insect control.

Classifications:
International (IPC 8-9): A01G13/00 A01H1/00 A01H3/00 A01H4/00 A01H5/00 A01H6/46 A01N63/00 A01N63/02 C07H21/00 C07K14/195 C07K14/24 C07K14/32 C07K16/12 C12N1/00 C12N1/15 C12N1/19 C12N1/20 C12N1/21 C12N15/00 C12N15/02 C12N15/05 C12N15/09 C12N15/10 C12N15/29 C12N15/31 C12N15/64 C12N15/82 C12N5/10 C12N5/14 C12N9/52 C12P21/02 C12P21/08 C12Q1/68 C12R1/01 (Advanced/Invention);
A01H5/00 A01N63/00 C12N1/00 C12N1/20 C12N15/09 C12N5/10 C12Q1/68 C12R1/01 C12R1/125 (Advanced/Non-invention);
A01G13/00 A01H1/00 A01H3/00 A01H4/00 A01H5/00 A01N63/00 A01N63/02 C07H21/00 C07K14/195 C07K16/12 C12N1/00 C12N1/15 C12N1/19 C12N1/20 C12N1/21 C12N15/00 C12N15/02 C12N15/09 C12N15/10 C12N15/29 C12N15/31 C12N15/82 C12N5/10 C12N5/14 C12N9/52 C12P21/02 C12P21/08 C12Q1/68 (Core/Invention)
International (IPC 1-7): A01G13/00 A01H1/00 A01H3/00 A01H4/00 A01H5/00 A01N37/18 A01N63/00 A01N63/02 A61G13/00 C07H21/00 C07H21/04 C07K14/195 C07K14/24 C07K14/32 C07K16/12 C12N05/14 C12N1/00 C12N1/15 C12N1/19 C12N1/20 C12N1/21 C12N15/00 C12N15/02 C12N15/05 C12N15/09 C12N15/10 C12N15/29 C12N15/31 C12N15/64 C12N15/82 C12N5/04 C12N5/10 C12N5/14 C12P21/02 C12P21/08 C12Q1/68
CPC: Y02A40/162 C12N15/8286 A01N63/02 C07K14/195 C07K14/24 C12N9/52
European: A01N63/02 C07K14/195 C07K14/24 C12N15/82C8B6E C12N9/52 M07K205/00 M07K207/00 M07K215/00 M12N207/00
US: 435/252.3 435/252.300S 435/418 435/419 435/419S 435/69.2 435/69.200S 514/1.1 514/12 514/2 514/21.2 514/4.5 514/4.500S 530/35 530/350 530/350S 536/23.5 536/23.500S 536/23.7 800/279 800/279S 800/302 800/302P



Family:

Publication number	Publication date	Application number	Application date
AR007133 AA	19991013	AR1997P102017	19970514
AU199710509 A1	19970529	AU19970010509	19961106
AU199728299 A1	19980319	AU19970028299	19970505
AU729228 B2	20010125	AU19970010509	19961106
BRPI9606889 A	19971028	BR1996PI06889	19961106
BRPI9711441 A	20001024	BR1997PI11441	19970505
CA2209659 AA	19970704	CA19962209659	19961106
CA2209659 C	20080115	CA19962209659	19961106
CA2263819 AA	19990226	CA19972263819	19970505
EP0797659 A1	19971001	EP19960941335	19961106
EP0797659 A4	19981111	EP19960941335	19961106
EP0970185 A1	20000112	EP19970922696	19970505
EP0970185 A4	20030226	EP19970922696	19970505
HU9900768 AB	19990628	HU19990000768	19961106
HU9900768 AC	20021028	HU19990000768	19961106
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JP2000515024 T2	20001114	JP19980511612T	19970505
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JP3482214 B2	20031222	JP19970518369T	19961106
JP3657593 B2	20050608	JP20030197785	20030716
KR100354530 B1	20030106	KR19970704633	19961106
KR19980701244 A	19980515	KR19970704633	19961106

KR20000037116 A	20000705	KR19997001698	19970505
MX9705101 A1	19971031	MX19970005101	19961106
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WO9808932 A1	19980305	WO1997US07657	19970505

Priority:

US19930063615	19930518	US19950395947	19950228	US19950007255P	19951106
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WO1997US07657	19970505	WO1996US18003	19970706	US20020262794	20021002

Probable Assignee: WISCONSIN ALUMNI RESEARCH FOUNDATION

Assignee(s): (std): DOWELANCO ; DOW AGROSCIENCES LLC ; ENSIGN JERALD C ; FATIG RAYMOND ; CICHE TODD A ; DOW AGRO SCIENCES LLC ; BLACKBURN MICHAEL B ; BOWEN DAVID J ; FFRENCH CONSTANT RICHARD H ; HEY TIMOTHY D ; MERLO DONALD J ; GUO LINING ; WISCONSIN ALUMNI RES FOUND ; PETELL JAMES ; SCHOONOVER SUE ; ROCHELEAU THOMAS A ; ORR GREGORY L ; ROBERTS JEAN L ; STRICKLAND JAMES A ; SUKHAPINDA KITISRI ; VISKONSIN ALJUMNI RISERCH FAUN ; GAHLMANN KLAUS

Assignee(s): NATIONAL INST ; NATIONAL INSTITUTES OF HEALTH ; JAMES PETELL ; JERALD C ENSIGN ; LINING GUO ; GREGORY L ORR ; KITISRI SUKHAPINDA ; JAMES A STRICKLAND ; MICHAEL B BLACKBURN ; JEAN L ROBERTS ; 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 ; WISCONSIN ALUMNI RESEARCH FOUNDATION ; WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON WISCO ; WISCONSIN ALUMINI RESEARCH FOUNDATION ; VISKONSIN ALJUMNI RISERCH FAUNDEJSHN ; WISCONSIN ALUMNI RESEARCH FOUNDATION MADISON WISCONSIN ; ROCHELEAU THOMAS ; TIMOTHY D HEY ; SUE SCHOONOVER ; TODD A CICHE ; THOMAS A ROCHELEAU ; RAYMOND FATIG ; RICHARD H FRENCH CONSTANT ; NATIONAL SCIENCE FOU ; NATIONAL SCIENCE FOUNDATION ; CICHE TODD ; DOWELANCO LLC ; DONALD J MERLO ; DAVID J BOWEN

Inventor(s): (std): ENSIGN JERALD C ; BOWEN DAVID J ; PETELL JAMES ; FATIG RAYMOND ; SCHOONOVER SUE ; FFRENCH CONSTANT RICHARD H ; ROCHELEAU THOMAS A ; BLACKBURN MICHAEL B ; HEY TIMOTHY D ; MERLO DONALD J ; ORR GREGORY L ; ROBERTS JEAN L ; STRICKLAND JAMES A ; GUO LINING ; CICHE TODD A ; ROCHELEAU THOMAS ; CICHE TODD ; SUKHAPINDA KITISRI ; STRICKLAND JAMES A US ; KICHE TODD A ; STRIKLEHND DZHEJMS A ; ROBERTS DZHIN L ; ORR GREGORI L ; MERLO DONAL D DZH ; KHEJ TIMOTI D ; BLEHKBERN MAJKL B ; ROCHELO TOMAS A ; FFRENCH KONSTANT RICHARD G ; SHUNOVER S JU ; FATIG REJMOND ; PITELL DZHEJMS ; BAUEN DEHVID DZH ; INSAJN DZHERAL D K ; STRICKLAND JAMES K ; ORR GREOGORY L

Inventor(s): MERLO DONAL'D DZH. ; INSAJN DZHERAL'D K. ; FFRENCH-KONSTANT RICHARD G. ; SHUNOVER S'JU ; KITISRI SUKHAPINDA ; RICHARD H FRENCH CONSTANT ; JAMES K STRICKLAND ; GREOGORY L ORR ; MERLO DONALD J AND ; THOMAS A ROCHELEAU ; JEAN L ROBERTS ; RAYMOND FATIG ; JAMES A STRICKLAND ; GREGORY L ORR ; DAVID J BOWEN ; RICHARD H FFRENCH CONSTANT ; LINING GUO ; JERALD C ENSIGN ; MICHAEL B BLACKBURN ; JAMES PETELL ; SUE SCHOONOVER ; TODD A CICHE ; DONALD J MERLO ; TIMOTHY D HEY

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; FETHERSTONHAUGH AND CO; REINHOLD COHN AND PARTNERS; BAKER AND DANIELS LLP

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

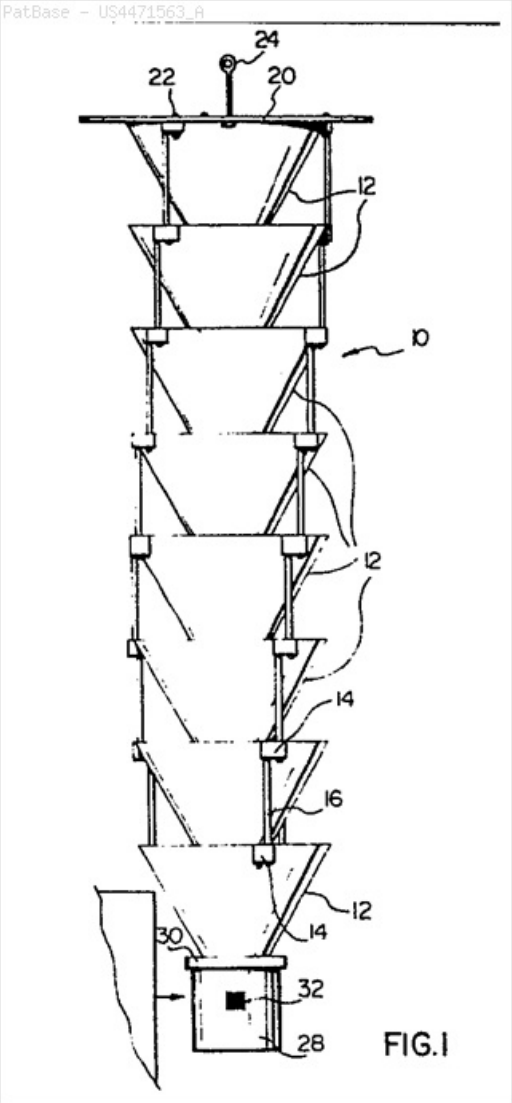
406) Family number: 2351926 (US4471563A)

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Title: Insect trap

Abstract: An insect trap for use in monitoring or suppressing flying insects, such as bark beetles. The trap comprises a plurality of conical members or funnels, and spacing members for spacing the funnels a predetermined distance when in use, and providing for nesting of the funnels for shipment or storage. Each of the funnels communicates with a funnel below and the lowermost funnel communicates with a collection container.

Classifications:
International (IPC 8-9): A01M1/00 A01M1/02 A01M1/10
B60M1/10 (Advanced/Invention);
A01M1/00 A01M1/02 B60M1/00 (Core/Invention)
International (IPC 1-7): A01M1/00 A01M1/02 A01M1/10
CPC: A01M1/02 A01M1/026 A01M1/106 A01M2200/012 B60M1/103
European: A01M1/02 A01M1/02B A01M1/02E A01M1/10 A01M1/10F
B60M1/10B K01M200/012 K01M201/02
US: 43/122



Family:

Publication number	Publication date	Application number	Application date
AT21007 E	19860815	AT19830302797T	19830517
CA1165564 A1	19840417	CA19820403667	19820525
DE0095309 T1	19840816	DE19830302797T	19830517
DE3364911 D1	19860904	DE19833364911	19830517
DE95309 A	00000000		00000000
EP0095309 A1	19831130	EP19830302797	19830517
EP0095309 B1	19860730	EP19830302797	19830517
NO151768 B	19850225	NO19830001788	19830520
NO151768 C	19850605	NO19830001788	19830520
NO831788 A	19831128	NO19830001788	19830520
NO831788 L	19831128	NO19830001788	19830520
US4471563 A	19840918	US19820421842	19820923

Priority:

CA19820403667 19820525 EP19830302797 19830517

Probable Assignee: SIMON FRASER UNIV

Assignee(s): (std)**:** CANADIAN PATENTS DEV

Assignee(s): SIMON FRASER UNIV ; CANADIAN PATENTS AND DEVELOPMENT LTD OTTAWA ONTARIO CA ; LINDGREN B STAFFAN ; CANADIAN PATENTS AND DEVELOPMENT SOC CANADIENNE DES BREVETS ET D EXPLOITATION LIMITEE LTD ; CANADIAN PATENTS AND DEVELOPMENT SOC CANADIENNE LTD ; CANADIAN PATENTS AND DEVELOPMENT LIMITED ; CANADIAN PATENTS AND DEVELOPMENT LIMITED SOCIETE CANADIENNE ; CANADIAN PATENTS AND DEVELOPMENT LIMITED SOCIETE CANADIENNE DES BREVETS ET D EXPLOITATION LIMITEE ; CANADIAN PATENTS AND DEVELOPMENT LIMITED SOCIETE CANADIENNE DES BREVETS ET D'EXPLOITATION LIMITEE ; CANADIAN PATENTS AND DEVELOPMENT LTD

Inventor(s): (std)**:** LINDGREN B STAFFAN ; LINDGREN STAFFAN B

Inventor(s): LINDGREN STAFFAN B VANCOUVER V5R 2Y6 CA

Agent(s): HENDRY ROBERT G

Designated states: AT BE CH DE FR GB IT LI NL SE

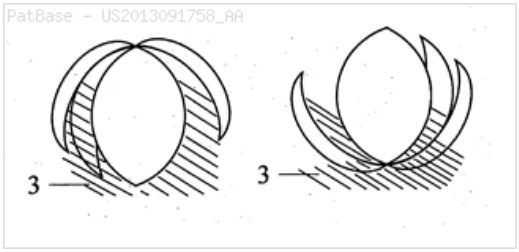
407) Family number: 50259928 (US2013091758A)

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Title: INSECT BAIT

Abstract: An insect bait that can be carried by the insect, that includes a toxicant capable of killing insects in a nest, and that includes attractants, having at least one non-toxic layer that delays contact with the toxicant, wherein the size, shape and attractants attract the insect to take the whole of the bait to a nest situation where further manipulation of the bait by the insect will release the toxicant.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/20 A01M25/00 A01N25/00 A01N25/26 (Advanced/Invention)
CPC: A01M1/2016 A01N25/26 A01N25/006
European: A01N25/00B4
US: 43/132.1



Family:

Publication number	Publication date	Application number	Application date
AU2011269730 AA	20111229	AU20110269730	20110622
AU2011269730 BB	20160519	AU20110269730	20110622
NZ606086 A	20141224	NZ20110606086	20110622
US2013091758 AA	20130418	US20110806607	20110622
US2018125053 AA	20180510	US20170846310	20171219
WO11160178 A1	20111229	WO2011AU00764	20110622

Priority:

AU20100902802 20100624 AU20110269730 20110622 WO2011AU00764 20110622
US20120806607 20121221 US20170846310 20171219

Probable Assignee: HILEY CARINA

Assignee(s): (std): HILEY CARINA

Assignee(s): HILEY CARINA MRS

Inventor(s): (std): HILEY CARINA

Agent(s): HILEY CARINA MRS; LA FONTAINE IP SERVICES

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 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 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 PE PG PH PL PT RO RS RU 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

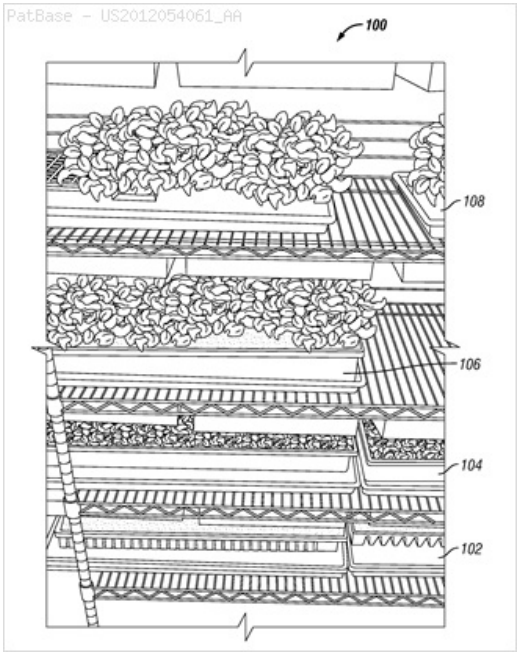
408) Family number: 50736935 (US2012054061A)

© PatBase

Title: PRODUCE PRODUCTION SYSTEM AND PROCESS

Abstract: A process and system for growing produce decouples farming from the unpredictability of the external environment by moving the farm into a highly-controlled enclosed environment in which all variables are optimized to grow produce of exceptional quality in a consistent, predictable manner, while minimizing or eliminating deleterious environmental impacts. A filtered, positive-pressure environment greatly reduces particulate contamination and pest infiltration from the outside. Seedlings are planted in containers of an organic soil mix engineered to deliver optimal amounts of water, nutrients, fiber and organic matter. The containers advance along a production line, in the process being given controlled exposure to light of predetermined intensity and wavelength, optimized to produce a desired growth pattern. Water is given at regular intervals in amounts calculated to produce optimal growth without waste. Nearly all inputs to the process are fully recyclable or are completely consumed; thus little or no waste is produced.

Classifications:
International (IPC 8-9): A01C14/00 A01G1/00 A01G13/00 A01G31/00 A01G7/04 A01G9/02 A01G9/24 G01D21/00 G01N25/56 G06Q30/00 G06Q30/06 (Advanced/Invention)
CPC: A01G31/00 A01G7/045 A01G13/0268 A01C14/00 A01G9/24 G06Q30/0621 Y10T29/49826 Y10T29/49947
European: A01G31/00 G06Q30/0621
US: 111/100 29/428 29/525.01 47/18 47/18S 47/31.1 47/65.8 47/65.800S 47/66.7 47/66.700S 705/26.5 705/26.500P 73/73 73/73S 73/865.8 73/865.800S



Family:

Publication number	Publication date	Application number	Application date

US2012054061 AA	20120301	US20110174108	20110630
US2014344099 AA	20141120	US20140447293	20140730
US2014344100 AA	20141120	US20140447332	20140730
US2015027048 AA	20150129	US20140447185	20140730
US2015027356 AA	20150129	US20140447258	20140730

Priority:

US20100377380P 20100826 US20110174108 20110630 US20140447332 20140730
US20140447293 20140730 US20140447185 20140730 US20140447258 20140730

Probable Assignee: GREEN EARTH GREENS CO

Assignee(s): (std)**:** FOK PHILIP E ; GREEN EARTH GREENS CO ; STUTZMAN KEN

Inventor(s): (std)**:** FOK PHILIP E ; STUTZMAN KEN

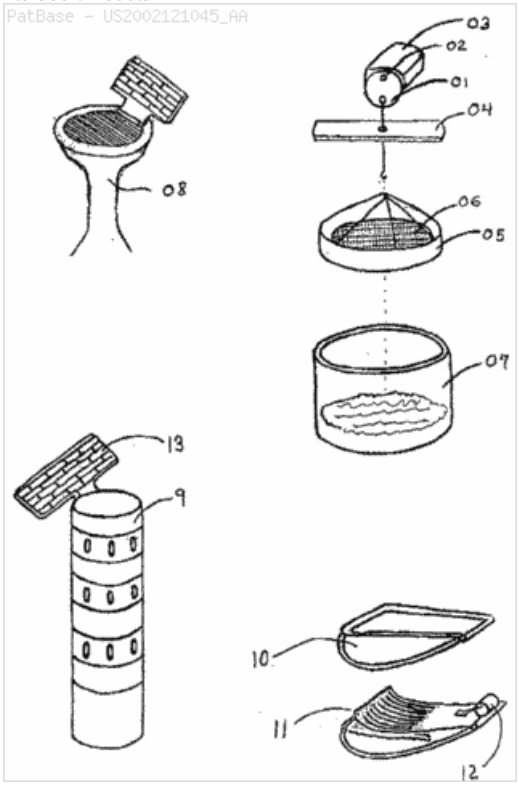
409) Family number: 28316936 (US2002121045A)

© PatBase

Title: MOSQUITO BREEDING CONVENIENCE WITH BIO-CYCLE INTERRUPT AND WITH MID-CYCLE FLUSH

Abstract: An apparatus configured to provide standing water at convenient locations for the use of mosquitoes to lay eggs. After eggs are deposited in the development cycle of the egg, the larva, pupa, adult life stage are interrupted by denying the proper environment to sustain their development. Also disclosed is an apparatus to abate mosquito populations which provides a convenient and attractive reservoir of liquid situated to encourage use by mosquitoes for egg laying. At intervals the liquid in the reservoir is flushed or filtered eliminating mosquito biomass developing in the liquid. The bio-matter is substantially removed and aborts the development of the bio-matter into adult insects.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01M1/12 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/00 A01M1/02 A01M1/20
CPC: A01M1/02 A01M1/026 A01M1/106 A01M1/12 A01M2200/012 Y02A50/371
European: A01M1/02 A01M1/02B A01M1/02E A01M1/10 A01M1/10F A01M1/12 K01M200/012 K01M201/02
US: 43/107 43/132.1



Family:

Publication number	Publication date	Application number	Application date
US2002121045 AA	20020905	US20010991139	20011115
US6708443 BB	20040323	US20010991139	20011115

Priority:

US20000248216P 20001115 US20010991139 20011115

Probable Assignee: HALL DONALD R

Assignee(s): (std)**:** HALL DONALD R

Inventor(s): (std)**:** HALL DONALD R

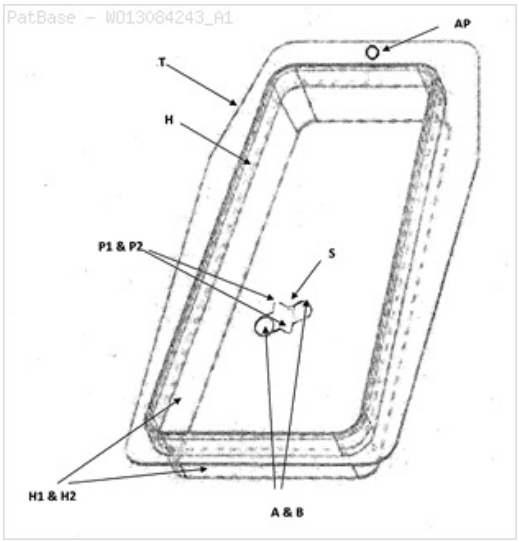
410) Family number: 50440936 (WO13084243A1)

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Title: A FLY TRAP

Abstract: The present disclosure relates to a fly trap that prevents the fruit flies and insects that have entered inside the trap, from getting out, thus making the trap non-returnable. The fly trap comprises a housing providing a cavity for collecting lured flies and having at least two opposite openings. It further includes a hollow structure fitted through the two opposite openings in the housing, having at least one outward tapering projection from hollow structure providing way inside the cavity and an insect attractant located within the housing.

Classifications:
International (IPC 8-9): A01M1/00 A01M1/02 (Advanced/Invention)
CPC: A01M1/106



Family:

Publication number	Publication date	Application number	Application date
IN04236CH2011 A	20120106	IN2011CH04236	20111205
WO13084243 A1	20130613	WO2012IN00566	20120824

Priority:

IN2011CH04236 20111205

Probable Assignee: PEST CONTROL INDIA PVT LTD

Assignee(s): (std)**:** JAYANTH KAMBIL PUTHIYAPURAYIL ; PEST CONTROL INDIA PVT LTD

Assignee(s): PEST CONTROL (INDIA) PVT LTD

Inventor(s): (std)**:** JAYANTH KAMBIL PUTHIYAPURAYIL

Inventor(s): K P JAYANTH

Agent(s): WILSON NEETI 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 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 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

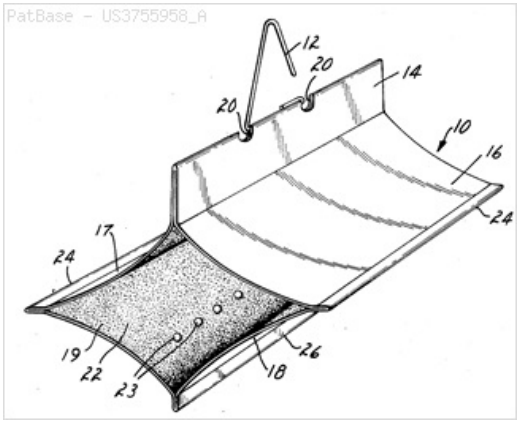
411) Family number: 19274939 (US3755958A)

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Title: INSECT TRAP

Abstract: A disposable, collapsible insect trap comprising a generally rectangular housing open at at least one end containing therein an insect attractant and a tacky substance, the combination of which is used to attract the insects into the trap and hold them therein.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/14 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/14 A01N17/14
CPC: A01M1/14 A01M1/145 A01M1/02
European: A01M1/02 A01M1/14 A01M1/14B
US: 43/114



Family:

Publication number	Publication date	Application number	Application date
BE758065 A	19710427		00000000
BE758065 A1	19710427		19701027
CA930165 A1	19730717	CA19700096724	19701027
CH528206 A	19720930	CH19700015811	19701026
DE2053869 A1	19710616		19701027
DE7040552 U	19720510	DE19700440552U	19701027
GB1335029 A	19731024	GB19700051064	19701027
JP49005033 B4	19740205	JP19700094612	19701027
US3755958 A	19730904	US19720216836	19720110
ZA7007306 A	19710728	ZA19700007306	19701027

Priority:

US19690870032 19691028 US19720216836 19720110

Probable Assignee: 3M CO

Assignee(s): (std): 3M CO ; MINNESOTA MINING AND MANUFACTURING CO ; MINNESOTA MINING AND MFG ; MINNESOTA MINING AND MFG CO

Assignee(s): MINNESOTA MINING AND MANUFACTURING CY ; MINNESOTA MINING AND MANUFACTURING CY 3M CENTER ST PAUL ETAT DE MINNESOTA E U A ; MINNESOTA MINING AND MFG CY 3M CENTER ST PAUL ETAT DE MINNESOTA EUA ; THOMAS I BRADSHAW ; MINNESOTA MINING AND MANUFACTURING CY 3M CENTER ST ; MINNESOTA MINING MFG CO ; MMM CO ; MINNESOTA MINING AND MANUFACTURING COMPANY ; MINNESOTA MINING AND MANUF CO US

Inventor(s): (std): BRADSHAW T ; BRADSHAW T I ; T I BRADSHAW ; THOMAS IAN BRADSHAW

Inventor(s): IAN BRADSHAW THOMAS ; THOMAS I BRADSHAW ; TI BRADSHAW ; BRADSHAW T US

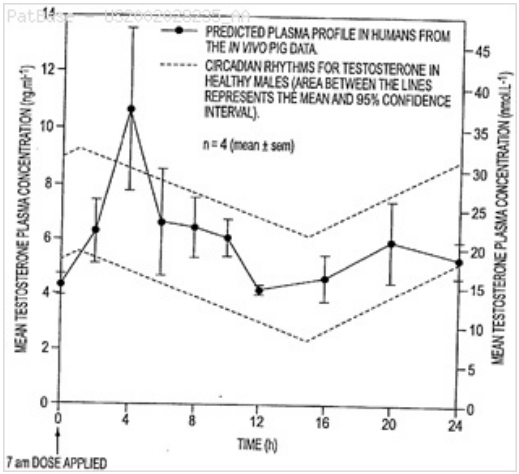
412) Family number: 29555940 (US2002028235A)

Title: DERMAL PENETRATION ENHANCERS AND DRUG DELIVERY SYSTEMS INVOLVING SAME

Abstract: A transdermal drug delivery system which comprises at least one physiologically active agent or prodrug thereof and at least one dermal penetration enhancer; characterised in that the dermal penetration enhancer is a safe skin-tolerant ester sunscreen. A non-occlusive, percutaneous or transdermal drug delivery system which comprises: (i) an effective amount of at least one physiologically active agent or prodrug thereof; (ii) at least one non-volatile dermal penetration enhancer; and (iii) at least one volatile liquid; characterised in that the dermal penetration enhancer is adapted to transport the physiologically active agent across a dermal surface or mucosal membrane of an animal, including a human, when the volatile liquid evaporates, to form a reservoir or depot of a mixture comprising the penetration enhancer and the physiologically active agent or prodrug within said surface or membrane; and the dermal penetration enhancer is of low toxicity to, and is tolerated by, the dermal surface or mucosal membrane of the animal.

FDA Data:

Application number	Active ingredient	Proprietary name	Applicant	Date of approval
022014	ESTRADIOL	EVAMIST	ELAN PHARMA INTL LTD	Jul 27, 2007
022014	ESTRADIOL	EVAMIST	KV PHARM	Jul 27, 2007
022014	ESTRADIOL	EVAMIST	LUMARA HEALTH INC	Jul 27, 2007
022014	ESTRADIOL	EVAMIST	PERRIGO PHARMA INTL	Jul 27, 2007
022504	TESTOSTERONE	AXIRON	ELI LILLY AND CO	Nov 23, 2010



Classifications:
International (IPC 8-9): A01N37/00 A61F13/02 A61K A61K31/00 A61K31/19 A61K31/192 A61K31/21 A61K31/24 A61K31/40 A61K31/405 A61K31/4178 A61K31/4196 A61K31/496 A61K31/56 A61K31/565 A61K31/568 A61K31/57 A61K31/60 A61K31/704 A61K45/08 A61K47/10 A61K47/12 A61K47/14 A61K47/18 A61K8/00 A61K8/02 A61K8/04 A61K8/26 A61K8/368 A61K8/37 A61K8/44 A61K8/49 A61K9/00 A61K9/06 A61K9/08 A61K9/10 A61K9/12 A61K9/70 A61L15/44 A61M A61M11/00 A61M16/06 A61M35/00 A61N1/30 A61P1/08 A61P11/00 A61P11/06 A61P13/08 A61P15/10 A61P15/16 A61P15/18 A61P17/10 A61P17/14 A61P25/04 A61P25/06 A61P25/20 A61P25/22 A61P31/22 A61P33/06 A61P35/00 A61P39/00 A61P5/24 A61P5/26 A61P5/30 A61P7/02 A61P9/12 A61Q A61Q17/04 A62K9/70 G01F11/00 (Advanced/Invention);
A61K31/191 A61K31/405 A61K31/573 A61K8/04 A61K9/00 A61K9/08 A61K9/70 A61M11/00 A61P29/00 (Advanced/Non-invention);
A61K31/18 A61K31/40 A61K47/14 A61K9/08 A61K9/70 A61M11/00 (Core/Invention);
A61K A61M (Subclass/Invention);
A61Q (Subclass/Non-invention)
International (IPC 1-7): A61F13/00 A61F13/02 A61K31/24 A61K31/4178 A61K31/4196 A61K31/496 A61K31/704 A61K45/08 A61K47/14 A61K47/18 A61K7/42 A61K7/44 A61K8/04 A61K8/30 A61K8/368 A61K9/06 A61K9/08 A61K9/10 A61K9/12 A61K9/70 A61M16/06 A61M35/00 A61Q17/04
CPC: Y10S514/947 Y10S514/974 Y10S514/88 A61K8/046 A61K8/37 A61K8/445 A61K9/0014 A61K9/12 A61K9/122 A61K47/14 A61M35/003 A61Q17/04 Y02A50/411
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Family:

Publication number	Publication date	Application number	Application date
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AT472997 E	20100715	AT19970025287T	19970219
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AU199952589 A1	19991202	AU19990052589	19991001
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AU814496 A0	19960314	AU1996PN08144	19960219
CA2244089 AA	19980723	CA19972244089	19970219
CA2244089 C	20090602	CA19972244089	19970219
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DE122012000020 I1	20120614	DE201212000020	20120403
DE122012000021 I1	20120712	DE201212000021	20120403
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DE69735804 T2	20061214	DE19976035804T	19970219
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DE69739931 D1	20100819	DE19976039931	19970219
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EP0901368 B1	20060503	EP19970904304	19970219
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EP1674068 B1	20081008	EP20050022951	19970219
EP1769785 A1	20070404	EP20060025287	19970219
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ES2262173 T3	20061116	ES19970904304T	19970219
ES2314538 T3	20090316	ES20050022951T	19970219
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HK1018884 A1	20060804	HK19990103965	19990911
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HK1087355 A1	20061013	HK20060109387	20060824
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JP2000504697 T2	20000418	JP19970528834T	19970219
JP2007326867 A2	20071220	JP20070185782	20070717
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KR100528602 B1	20070315	KR19980706443	19980819
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US2004013621 AA	20040122	US20030428019	20030502
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US2004081684 AA	20040429	US20030644085	20030820
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US2004146469 AA	20040729	US20040759303	20040120
US2007071803 AA	20070329	US20060513342	20060831
US2007077288 AA	20070405	US20060517575	20060908
US2008131494 AA	20080605	US20070978556	20071030
US2008152597 AA	20080626	US20070905926	20071005
US6299900 BA	20011009	US19980125436	19981218
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US7438203 BB	20081021	US20040759303	20040120
US8071075 BB	20111206	US20070905926	20071005
WO9729735 A1	19970821	WO1997AU00091	19970219

Priority:

AU19960008144	19960219	AU1996PN08144	19960219	AU1996PN08411	19960219
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AU19990052589	19991001	US20010910780	20010724	US20030428018	20030502
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US20070978556	20071030				

Probable Assignee: MONASH UNIV

Assignee(s): (std): ACRUX DDS PTY LTD ; FINNIN BARRIE CHARLES ; MONASH UNIV ; MORGAN TIMOTHY MATTHIAS ; REED BARRY LEONARD ; SOLTEC RES PTY LTD ; UNIV MONASH

Assignee(s): SOLTEC RESEARCH PTY LTD ; PHILIP MORRIS USA INC ; MONASH UNIVERSITY

Inventor(s): (std): MORGAN MATTHIAS ; FINNIN CHARLES ; REED LEONARD ; KLOSE KATHRYN T ; FINNIN BERRIE C ;

MORGAN TIMOTHY M ; REED BARRY L ; BAKALOVA MARGARITA V ; CHARLES FINNIN BARRIE ; MATTHIAS MORGAN TIMOTHY ; LEONARD REED BARRY ; REED BARRY ; MORGAN TIMOTHY ; FINNIN BARRIE ; REED BARRY LEONARD ; MORGAN TIMOTHY MATTHIAS ; FINNIN BARRIE CHARLES ; KLOSE KATHRYN TRACI JANE ; GUARDIA ENNIO LA ; TRAN NGAN THI KIM ; MORGON TIMOTHY MATTHIAS ; ZHOU JIANWEN ; COLAGRANDE FELICIA MARIA ; BAKALOVA MARGARITA VLADISLAVOV ; KLOSE KARTHRYN TRACI JANE ; CHEW NORA YAT KNORK ; REED BARRY LENARD ; TIMOTHY MATTHIAS MORGAN ; BARRIE CHARLES FINNIN ; BARRY LEONARD REED ; FINNIN BARRIE C ; LA GUARDIA ENNIO

Inventor(s): BAKALOVA MARGARITA VLADISLAVOVA ; FINNIN BERRIE CHARLES ; FINNIN BERRIE ; KLOSE KATHRYN ; BAKALOVA MARGARITA

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; KIRBY EADES GALE BAKER; TOWLER PHILIP DEAN; JOHNSON STOKES AND MASTER; JSM; MAYER BROWN JSM; FOLEY AND LARDNER LLP, SUITE 500; FOLEY AND LARDNER LLP SUITE 500; FOLEY AND LARDNER LLP; FOLEY AND LARDNER

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CH CN CU CZ DE DK EE ES FI FR GB GE 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 SI SK SZ TJ TM TR TT UA UG US UZ VN YU

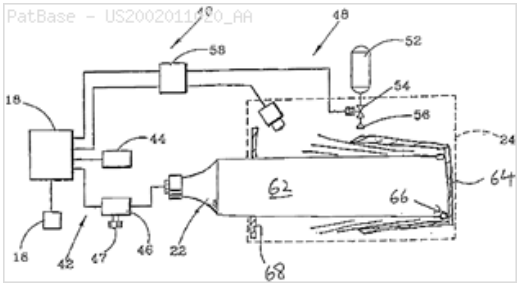
413) Family number: 30085943 (US2002011020A)

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Title: Blood-sucking insect control station

Abstract: An insect control station provides an analog signal to a speaker and delivers acoustic energy from the speaker to a resonator positioned in the path of the acoustic energy. The analog signal can be provided from a memory by way of a digital to analog converter, from a digital signal processor, or from a mechanical element. Preferably, the acoustic energy emitted from one or more of the control stations of any of these arrangements is simulative of at least a portion of a heartbeat. The control station can include a surface that supports a pesticide, a gluey substance, an attractant (e.g., a pattern), and can deliver one or more feeding stimulants such as acetone, lactic acid, octenol, heat, carbon dioxide or some other byproduct of respiration or digestion.

Classifications:
International (IPC 8-9): A01M1/00 A01M1/02 A01M1/06 A01M1/14 A01M1/20 (Advanced/Invention)
International (IPC 1-7): A01M1/00 A01M1/02 A01M1/06 A01M1/14 A01M1/20
CPC: A01M1/023 A01M1/026 A01M1/14 A01M1/2016 A01M1/2038 A01M29/16 A01M2200/012
European: A01M1/02B A01M1/02C A01M1/02E A01M1/14 A01M1/20B A01M1/20B2 A01M1/20C A01M1/20C2H A01M29/16 A01M31/00A K01M200/012 K01M201/02
US: 43/107 43/107P 43/114 43/132.1 43/139



Family:

Publication number	Publication date	Application number	Application date
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CA2447854 AA	20011129	CA20012447854	20010517
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Priority:

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Probable Assignee: BUGJAMMER INC

Assignee(s): (std): ANDREWS WAYNE N ; BUGJAMMER INC ; CRAWLEY LANTZ S ; NELSON J ROY

Assignee(s): NELSON J

Inventor(s): (std): ANDREWS WAYNE N ; CRAWLEY LANTZ S ; NELSON J ROY

Inventor(s): WAYNE N ANDREWS ; J ROY NELSON ; J ROY NELSON WAYNE N ANDREWS ; LANTZ S CRAWLEY ; LANTZ S CRWALEY ; NELSON J

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; JOHANSSON; LEASON ELLIS LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CD CF CG CH CI CM CN CO CR CU CY CZ DE DK DM 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

414) Family number: 62570945 (US2016177274A)

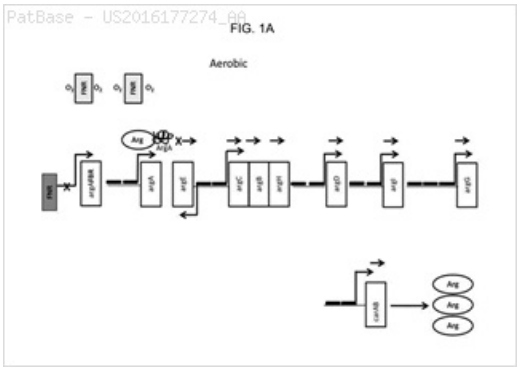
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Title: BACTERIA ENGINEERED TO TREAT DISEASES ASSOCIATED WITH HYPERAMMONEMIA

Abstract: Genetically engineered bacteria, pharmaceutical compositions thereof, and methods of modulating and treating disorders associated with hyperammonemia are disclosed.

Classifications:
International (IPC 8-9): A01N63/00 A23L33/135 A61K A61K31/122 A61K31/19 A61K31/198 A61K31/404 A61K35/00 A61K35/74 A61K35/741 A61K35/742 A61K35/744 A61K35/745 A61K35/747 A61K36/06 A61K36/064 A61K38/00 A61K38/19 A61K38/20

A61K38/26 A61K38/44 A61K39/02 A61K39/395 A61K48/00 A61K9/00 A61P A61P1/00 A61P1/04 A61P1/14 A61P1/16 A61P1/18 A61P11/00 A61P11/06 A61P13/02 A61P13/10 A61P13/12 A61P15/08 A61P17/00 A61P17/06 A61P17/14 A61P19/02 A61P19/08 A61P21/00 A61P21/04 A61P25/00 A61P25/02 A61P25/14 A61P25/20 A61P27/02 A61P27/16 A61P29/00 A61P3/00 A61P3/02 A61P3/06 A61P3/10 A61P31/00 A61P33/02 A61P35/00 A61P37/00 A61P37/02 A61P37/06 A61P39/02 A61P43/00 A61P5/14 A61P5/38 A61P7/00 A61P7/04 A61P7/06 A61P7/08 A61P7/10 A61P9/00 A61P9/08 A61P9/10 C07K14/00 C07K14/195 C07K14/245 C07K14/33 C07K14/54 C07K16/24 C07K16/28 C12N C12N1/00 C12N1/15 C12N1/19 C12N1/20 C12N1/21 C12N15/00 C12N15/09 C12N15/31 C12N15/52 C12N15/54 C12N15/60 C12N15/63 C12N15/67 C12N15/70 C12N15/74 C12N5/10 C12N9/02 C12N9/04 C12N9/06 C12N9/10 C12N9/12 C12N9/78 C12N9/80 C12N9/88 C12N9/90 C12P13/10 C12P21/02 C12P7/52 C12Q1/00 C12Q1/02 C12Q1/527 C12Q1/68 C12R C12R1/01 C12R1/19 G01N33/48 G01N33/50 G01N33/573 (Advanced/Invention);
A61K35/00 A61K38/00 C12P7/52 C12R1/01 C12R1/19 (Advanced/Non-invention);
A61K C12N (Subclass/Invention)



CPC: C12N9/1029 C12Y203/01001 C12N15/635 C12N9/0022 C12Y104/03002 C12Y403/01024 A61K35/745 A61K35/747 C12N9/0014 A61K2035/11 C12N15/746 A23L33/135 A61K9/0031 C07K14/195 C12N9/001 C12N9/1217 C12Y103/08001 C12Y207/02007 C07K2319/55 A61K31/19 A61K38/2066 A61K38/2013 A61K38/26 A61K38/446 A61K31/198 C12Y115/01001 A61K31/404 C12R1/19 C12N9/1025 C12R1/01 A61K38/19 A61K38/204 G01N33/573 G01N33/6863 C07K14/00 C12N9/78 C12N9/80 C12Y305/01024 C12P7/62 C12P13/10 A61K9/0053 A61K38/44 A61K38/443 A61K9/0019 C12Y104/01009 C12N9/0016 C12N9/1096 C12N9/0006 C12Y101/01 C12Y401/01 C12Y101/01086 C12Y401/01001 C12Y206/01042 C12Y101/01001 C07K14/245 A61K35/742 C12N15/52 C12N15/74 C12N9/0004 C12N9/10 A61K35/744 C12N9/1252 C12Y207/07007 C12N9/1051 C12N9/485 C07K14/605 A61K2035/115 C07K16/241 C07K14/5428 A61K36/064 A61K31/122 A61K39/3955 C12N15/70 C07K14/54 C07K2319/02 C07K2319/036 A23K10/18 C07K2319/01 C12N9/00 C12N9/0008 C12N9/0026 C12N9/1007 C12N9/93 C12N9/0073 C12N9/13 C07K14/34 C12N9/90 C12N1/00 C07K16/00 C12N1/20 C12N15/63 A01K2207/20 A01K2227/105 A61K35/741 C12Q1/527 G01N2560/00 A61P7/00 G01N2333/988 C12N9/88 A61P3/00 A61K35/74 C07K14/521 C07K14/525 C07K14/53 C07K14/5434 C07K14/5443 C07K14/57 C07K14/70575 C07K14/70596 C07K16/2803 C07K2319/00 C07K2319/21 C12N9/14 C12N9/2408 C12Y302/01035 C12Y307/01003 A61K2039/505 C07K16/2818 C07K2317/622 A61K38/00 A61K39/02 Y02A50/401 Y02A50/414 Y02A50/473 A61K38/208 A61K38/2086 A61P35/00 A61K31/7088 A61K31/7105 A61K31/713 A61K38/20
US: 424/93.2 435/252.3 435/252.33

Family:

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Probable Assignee: SYNLOGIC OPERATING CO INC

Assignee(s): (std)**:** FALB DEAN ; FISHER ADAM ; KOTULA JONATHAN W ; ISABELLA VINCENT M ; ISABLLE VINCENT M ; MASSACHUSETTS INST OF TECH ; SYNLOGIC INC ; MILLER PAUL F ; MILLET YVES ; MASSACHUSETTS INST TECHNOLOGY ; ROWE SARAH ; TUCKER ALEX ; SYNLOGIC OPERATING CO INC

Assignee(s): SAHA SAURABH ; SINLODZHIK INK ; NAVY SECRETARY OF UNITED STATES OF AMERICA ; SELVAGGIO GIANLUCA ; RUBENS JACOB ROSENBLUM ; MUELLER ISAAK ELIS ; MILLER PAUL ; MASSACHUSETTS INST OF TECHNOLOGY ; MACHINANI SUMAN ; LI NING ; LU TIMOTHY KUAN TA ; KOTULA JONATHAN ; FISHER ADAM B ; ISABELLA VINCENT

Inventor(s): (std)**:** FALB DEAN ; ISABELLA VINCENT M ; MILLER PAUL F ; KOTULA JONATHAN W ; MACHINANI SUMAN ; ISABELLA VINCENT ; KOTULA JONATHAN ; MILLER PAUL ; TUCKER ALEX ; FISHER ADAM ; FISHER ADAM B ; MILLET YVES ; ROWE SARAH ; ANDERSON CAMI LEIGH ; LU TIMOTHY KUAN TA ; RUBENS JACOB ROSENBLUM ; SELVAGGIO GIANLUCA ; MUELLER ISAAK ELIS ; ROWE SARAH ELIZABETH ; LI NING ; SAHA SAURABH ; ISABLLE VINCENT M ; LORA JOSE M ; VINCENT M ISABELLA ; JONATHAN W KOTULA ; DEAN FALB ; PAUL F MILLER ; ISABELLE VINCENT M ; VINCENT M ISABLLE ; LORA JOSE ; SARAH ROWE ; YVES MILLET

Inventor(s): FOLB DIN ; AJSEBLL VINSENT M ; KOTULA DZHONATAN U ; MILLER POL F

Agent(s): ALLENS PATENT AND TRADE MARK ATTORNEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; CULLENS PTY LTD; SPRUSON AND FERGUSON; DAVIES COLLISON CAVE PTY LTD; BERESKIN AND PARR LLP SENCRL SRL; BORDEN LADNER GERVAIS LLP; SMART AND BIGGAR; MAIN MALCOLM CHARLES; HOFFMANN EITLE; MURGITROYD AND CO; FINNEGAN EUROPE LLP; FORD HAZEL; HONG KONG INTELLECTUAL PROPERTY AGENT LTD; YURIDICHESKAYA GORODISSKIJ I PARTNERY OOO FA; FINNEGAN HENDERSON FARABOW GARRETT AND DUNNER LLP; MARCIE B; MCCARTER AND ENGLISH LLP; ELIZABETH A; HONG CHANG B; MCDONELL LESLIE ET AL; DIPIETRANTONIO HEATHER J; MCDONELL LESLIE A ET AL; HANLEY ELIZABETH A ET AL; CLARKE MARCIE B 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 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

415) Family number: 59402945 (FR3013561B)

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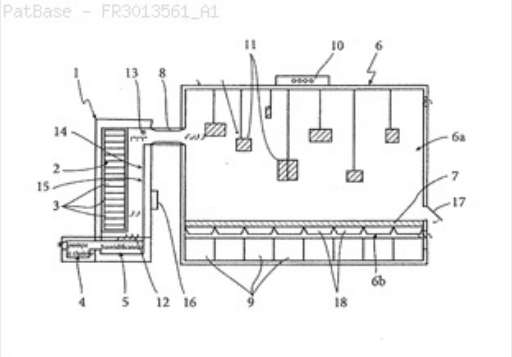
Title: DISPOSITIF POUR L'ELEVAGE D'INSECTES VOLANTS TELS QUE HERMETIA ILLUCENS

Abstract: Source: FR3013561A [FR] La presente invention concerne un dispositif pour l'elevage d'insectes volants de type Hermetia Illucens ou similaires, remarquable en ce qu'il est constitue d'au moins une premiere chambre dite de pupes (1) comprenant au moins une etagere (2) recevant des bacs (3) dans lesquels sont places des pupes d'insectes, un dispositif de chauffage soufflant (4) et un humidificateur (5), d'au moins une seconde chambre dite de ponte (6) comprenant au moins un

tamis (7) horizontal separant ladite chambre de ponte (6) en une partie superieure (6a) dite voliere et une partie inferieure (6b) dite collectrice, ledit tamis (7) presentant des trous dont les dimensions sont tout juste superieures aux dimensions des œufs et des larves d'insectes et dont les dimensions sont inferieures aux dimensions des imagos des insectes, et une conduite (8) reliant la chambre de pupes (1) a la partie superieure (6a) de la chambre de ponte (6).

Machine translation: The present invention relates to a device for animal husbandry flying insects hermetia illucens type or the like, is remarkable in that it is at least a first chamber called pupae (1) comprising at least one shelf (2) receiving trays (3) which are placed in insect pupae, a heating blower device (4) and a humidifier (5), at least a second said nesting chamber (6) comprising at least a sieve (7) separating said horizontal brood chamber (6) into a top part (6a) and an aviary called lower part (6b) said collector, said sieve (7) presenting holes whose dimensions are just superior to the dimensions eggs and insect larvae and whose dimensions are smaller than the dimensions of the adults of insects, and a conduit (8) connecting the pupal chamber (1) to the upper part (6a) of the brood chamber (6).

Classifications:
International (IPC 8-9): A01K67/033 (Advanced/Invention)
CPC: A01K67/033



Family:

Publication number	Publication date	Application number	Application date
FR3013561 A1	20150529	FR20130061758	20131128
FR3013561 B1	20160729	FR20130061758	20131128

Priority:

FR20130061758 20131128

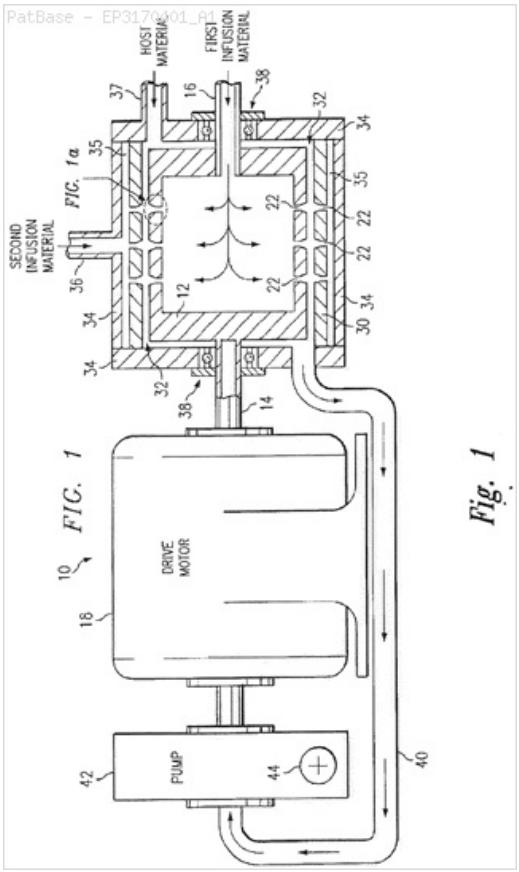
Probable Assignee:	FURTOS PIERRE
Assignee(s): (std):	FURTOS PIERRE
Assignee(s):	PIERRE FURTOS
Inventor(s): (std):	FURTOS PIERRE
Inventor(s):	PIERRE FURTOS
Agent(s):	CABINET LAURENT ET CHARRAS

416) Family number: 65755948 (EP3170401B1)

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Title: IONIC AQUEOUS FLUID COMPOSITION CONTAINING OXYGEN MICROBUBBLES COMPOSITIONS LIQUIDES IONIQUES AQUEUSES CONTENTANT DES MICROBULLES D'OXYGENE

Abstract: An oxygenated ionic aqueous fluid composition comprising oxygen-containing microbubbles predominantly having an average diameter of less than 100 nanometers. The oxygen is present in an amount of at least 15 ppm at atmospheric pressure.The fluids can be suitable for food and pharmaceutical applications, as well as for bioreactor systems.
Classifications:
International (IPC 8-9): A01G31/00 A01K63/04 A23L2/54 A61K33/00 A61K47/02 A61K9/00 A61K9/08 C02F1/72 C02F3/02 C12M1/00 C12M3/00 C12N5/00 (Advanced/Invention)
CPC: B01F5/0665 A23L2/54 A61J3/00 A61K9/08 A61K9/10 A61K33/00 B01F3/04099 B01F3/04531 B01F3/0807 B01F3/0853 B01F7/008 B01F7/00816 C02F1/727 C02F3/02 C09K3/00 C12M27/00 Y02W10/15



Family:

Publication number	Publication date	Application number	Application date
EP3170401 A1	20170524	EP20160198507	20071025
EP3170401 B1	20190605	EP20160198507	20071025

Priority:

US20060862904P 20061025 US20060862955P 20061025 US20070982387P 20071024
EP20070854427 20071025 WO2007US82578 20071025

Probable Assignee: REVALESIO CORP

Assignee(s): (std)**:** REVALESIO CORP

Inventor(s): (std)**:** WATSON RICHARD L ; ARCHAMBEAU GREGORY J ; WOOD ANTHONY B

Agent(s): TEALL CHARLOTTE

Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

417) Family number: 16430949 (DE8322012U1)

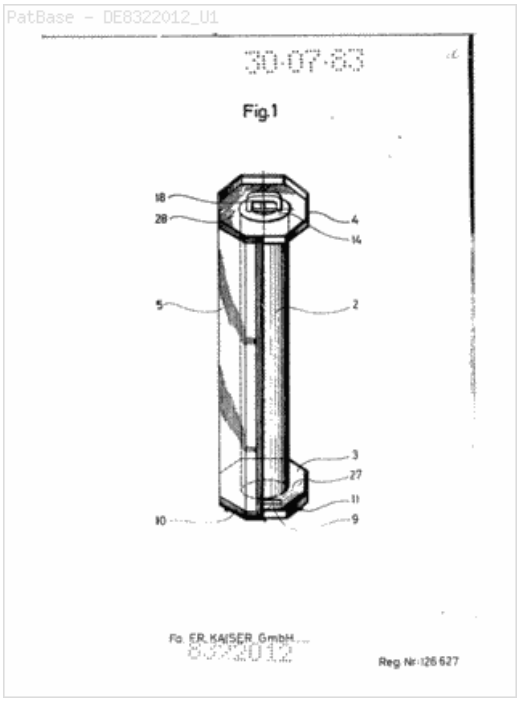
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Title: AUFSTELLBARER INSEKTENFAENGER SET UP-CASH INSEKTENFAENGER (Machine translation)

Abstract: Source: DE8322012U1 [DE] (Claim 1) S c h u t z a n s p r ue c h e 1. Aufstellbarer Insektenfaenger mit einem Fangkoerper (2), der eine klebrige Fangflaeche und einen Fuss (3) aufweist, welcher einen allseitig von der Fangflaeche vorstehenden, mindestens an seinem Umfang klebstoffreien Rand hat und bei dem die Projektion der Fangflaeche auf den Fuss (3) innerhalb dieses liegt, dadurch gekennzeichnet, dass an dem anderen Enae des Fangkoerpers (2) ein Kopf (4) ausgebildet ist, welcher mindestens an den Aussenflaechen klebstoffrei ist, dass der Kopf (4) und der Fuss (3) biegesteif miteinander verbunden sind und dass zum Schutz der Fangflaeche vor unerwuenschtem Kontakt mit Fremdkoerpern eine Schutz flaeche vorhanden ist.

Machine translation: (Claim 1) S ue chutzanspr che first With a tiltable Insektenfaenger Fangkoerper (2), and one of a sticky Fangflaeche foot (3) exhibits, which one of the sides Fangflaeche above, at least at its periphery has klebstoffreien edge and where the projection of Fangflaeche on the foot (3) within This is characterized in that is formed on the other Enae of Fangkoerpers (2) a head (4), which is at least klebstoffrei the Aussenflaechen that are the head (4) and foot (3) rigidly connected to each other and that Fangflaeche to protect against unwanted foreign body contact with a protected area is available.

Classifications:
International (IPC 8-9): A01M1/14 (Advanced/Invention);
A01M1/00 (Core/Invention)
International (IPC 1-7): A01M1/14



Family:

Publication number	Publication date	Application number	Application date
DE8322012 U1	19831110	DE19830022012U	19830730

Priority:

DE19830022012U 19830730

Probable Assignee: FR KAISER GMBH 7050 WAIBLINGEN DE

Assignee(s): FR KAISER GMBH 7050 WAIBLINGEN DE

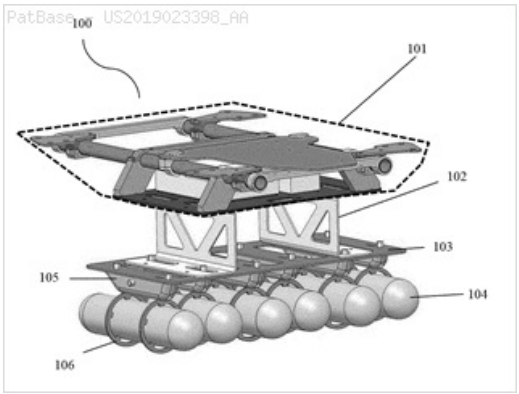
418) Family number: 64915952 (US2019023398A)

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Title: DEVICES AND METHODS FOR PEST CONTROL

Abstract: The present invention provides devices and methods for payload delivery, including payloads for pest control (e.g., biocidal and larvicidal compounds and compositions). Also included are devices and methods for delivering payloads to remote areas by aerial delivery.

Classifications:
International (IPC 8-9): A01M13/00 A01M21/04 A01M25/00 A01M29/12 A01M99/00 A01N25/34 B64C39/02 B64D1/12 (Advanced/Invention)
CPC: A01M3/00 B64C2201/127 B64D1/12 A01M99/00 A01M25/006 A01M21/043 B64C2201/024 A01N25/34 B64C39/024 B64C2201/027 B64C2201/128 B64C2201/145 B64C2201/146 B64D1/18



Family:

Publication number	Publication date	Application number	Application date
CA2995465 AA	20180212	CA20162995465	20160812
US2019023398 AA	20190124	US20160752251	20160812
WO17027836 A1	20170216	WO2016US46876	20160812

Priority:

US20150204113P 20150812 US20160752251 20160812 WO2016US46876 20160812

Probable Assignee: OLFACTOR LABORATORIES INC

Assignee(s): (std): OLFACTOR LABORATORIES INC

Assignee(s): MATSUURA DAVID G ; ALBANNA ROWENA LAMPA ; FRANDSEN GREY ; LOOS JEFFREY J ; MATSUURA BELINKO K

Inventor(s): (std): MATSUURA BELINKO K ; MATSUURA DAVID G ; ALBANNA ROWENA LAMPA ; FRANDSEN GREY ; LOOS JEFFREY J

Agent(s): SMART AND BIGGAR; WARD DONNA T 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

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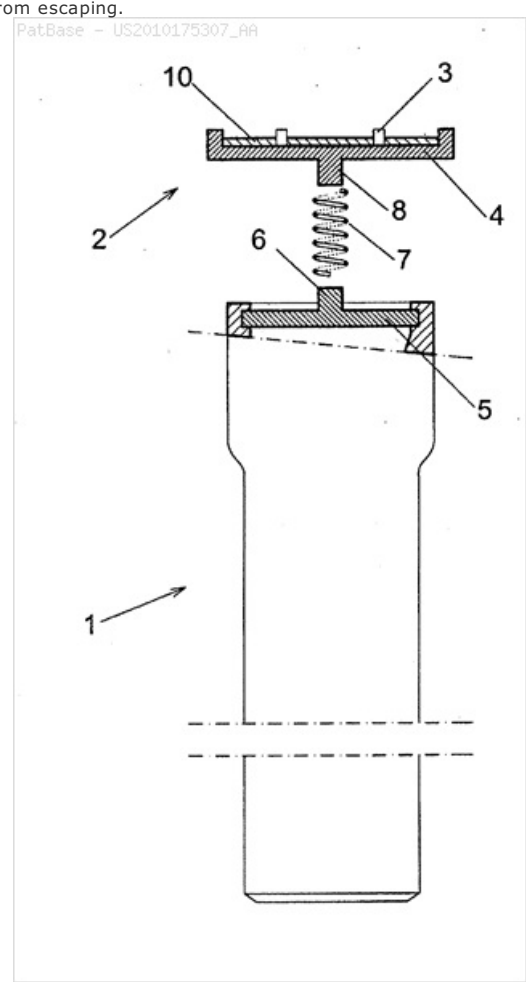
419) Family number: 41476953 (US2010175307A)

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Title: APPARATUS FOR COMBATTING OR TRAPPING NOCTURNAL INSECTS

Abstract: The apparatus for disposing of individual nocturnal insects sitting on a base or for trapping them comprises a portable lamp (1) and a translucent attachment (2), which is arranged at the light exit of the lamp (1) and can preferably move relative thereto, with a means (11) for preventing the insect from escaping.

Classifications:
International (IPC 8-9): A01M1/04 A01M1/10 A01M1/14 A01M3/00 A01M3/04 (Advanced/Invention);
A01M1/00 A01M1/02 A01M3/00 (Core/Invention)
CPC: A01M3/04
European: A01M3/04
US: 43/113 43/113P 43/114 43/114S 43/134 43/136 43/136S



Family:

Publication number	Publication date	Application number	Application date
CA2660015 AA	20090204	CA20072660015	20070808
CA2660015 C	20141014	CA20072660015	20070808
CN101511168 A	20090819	CN200780032723	20070808
CN101511168 B	20120201	CN200780032723	20070808
DE502007013740 D1	20150409	DE200750013740T	20070808
DK2051582 T3	20150601	DK20070785081T	20070808
EP2051582 A1	20090429	EP20070785081	20070808
EP2051582 B1	20150225	EP20070785081	20070808
ES2537562 T3	20150609	ES20070785081T	20070808
JP2010500008 T2	20100107	JP20090523129T	20070808
JP5156018 B2	20130306	JP20090523129T	20070808
TR201505667 T4	20150622	TR20150005667T	20070808
US2010175307 AA	20100715	US20070376617	20070808
US8935877 BB	20150120	US20070376617	20070808
WO08017185 A1	20080214	WO2007CH00386	20070808

Priority:

CH20060000126 20060808 CH20060001268 20060808 CH20060001747 20061105
CH20070000659 20070420 WO2007CH00386 20070808 EP20070785081 20070808

Probable Assignee: GOETSCHI RUDOLF

Assignee(s): (std)**:** GOETSCHI RUDOLF ; GOTSCHI RUDOLF ; RUDOLF GOTSCHI

Assignee(s): GOTSCHI RUDOLFLUSSELWEG 134225BRISLACHCH ; RUDOLF GOETSCHI

Inventor(s): (std)**:** GOETSCHI RUDOLF ; GOTSCHI RUDOLF ; RUDOLF GOTSCHI

Inventor(s): GOTSCHI RUDOLFLUSSELWEG 134225BRISLACHCH ; RUDOLF GOETSCHI

Agent(s): OGILVY RENAULT LLP SENCRL SRL; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; GRAMM LINS AND PARTNER PATENT U RECHTSANWAELTE PARTGMBB; BRAUN ANDRE JR ET AL; BRAUN ANDRE JR; DURAN LUIS ALFONSO; TUGBA DERYA; HAMMER AND ASSOCIATES PC; BRAUN ANDRE

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

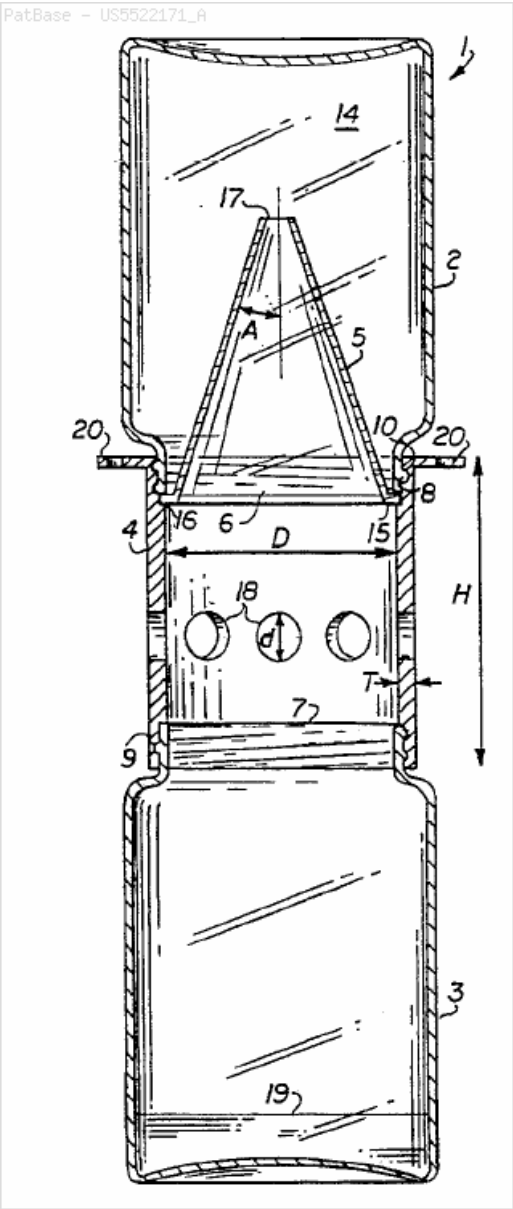
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420) Family number: 12568960 (US5522171A)

Title: Insect trap

Abstract: An insect trap particularly adapted to capture flys and other flying pests is comprised of two symmetrical jars mounted in-line, face-to-face and joined by a cylindrical collar made of dark plastic. The collar is pierced along its median periphery with a plurality of entry ports, a frusto-conical barrier has a base flange captured between the collar and the upper, upside-down jar. Upon entering into the darkened collar section, the insect is immediately attracted by the lighted area above it constituted by the upper jar which it can only reach by flying through a restricted opening at the top of the frusto-conical barrier.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/00
CPC: A01M1/02 A01M1/106 A01M2200/012
European: A01M1/02 A01M1/02B A01M1/10 A01M1/10F K01M200/012 K01M201/02
US: 43/107 43/122



Family:

Publication number	Publication date	Application number	Application date
US5522171 A	19960604	US19940293291	19940822

Priority:
US19940293291 19940822

Probable Assignee: MANDEVILLE J DAVID
Assignee(s): MANDEVILLE J DAVID
Inventor(s): (std): MANDEVILLE J DAVID

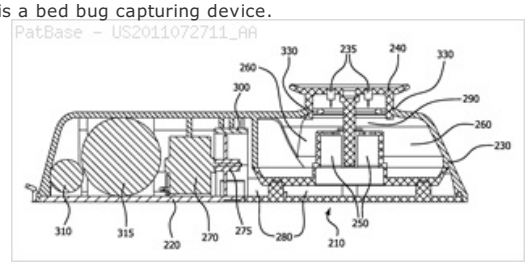
421) Family number: 48532962 (US2011072711A)

Title: AMPOULE FOR THE STORAGE AND DISPERSION OF VOLATILE LIQUIDS

Abstract: In one aspect, the present invention is directed to an ampoule for the storage and dispersion of a volatile liquid comprised of (a) an outer shell composed of an impermeable material and defining at least one opening; (b) a porous

diffusion member defining an internal reservoir positioned inside said outer shell; (c) a volatile liquid contained within such internal reservoir; and (d) a film member adhered to said outer shell and covering said at least one opening; wherein said film member is disposed such that an air space is present between said porous diffusion member and said film member; and wherein said porous diffusion member is configured such that molecules of the volatile liquid can only enter into said air space via diffusion through said porous diffusion member. Such ampoules are particularly suited for the storage and dispersion of organic chemicals useful as bed bug attractants, especially where such attractants are formulated in a highly volatile liquid, such as a C_8-C_{12} alkane. In another aspect, this invention is directed to a device adapted to receive one or more of such ampoules. In one preferred embodiment, such device is a bed bug capturing device.

Classifications:
International (IPC 8-9): A01M A01M1/02 A01M1/10 A01M1/20 A01M13/00 A01N A01N25/00 A01N25/10 A01N25/18 A01N29/02 A01N31/02 A01N35/02 A01N59/06 A01P19/00 A61L9/12 (Advanced/Invention)
CPC: A01M1/2033 A01M1/2044 A61L9/122
European: A01M1/20C2F A01M1/20C2L A61L9/12F
US: 239/44 239/44S 239/51.5 239/53 239/55 239/57 261/104 261/DIG.65 261/DIG.88 43/107 43/107S 43/121 43/121S 43/123 43/123P 43/125 43/132.1



Family:

Publication number	Publication date	Application number	Application date
CA2771809 AA	20110331	CA20102771809	20100831
EP2482644 A2	20120808	EP20100819218	20100831
HK1167569 A1	20121207	HK20120108445	20120829
JP2013505721 T2	20130221	JP20120530906T	20100831
JP5431591 B2	20140305	JP20120530906T	20100831
KR20120071391 A	20120702	KR20127007395	20100831
MX2012003569 A1	20120508	MX20120003569	20100831
US2011072711 AA	20110331	US20100872277	20100831
US8677679 BB	20140325	US20100872277	20100831
WO11037728 A2	20110331	WO2010US47257	20100831
WO11037728 A3	20110714	WO2010US47257	20100831

Priority:
US20090246373P 20090928 US20100872277 20100831 WO2010US47257 20100831

Probable Assignee: FMC CORP

Assignee(s): (std): BLACK BRUCE C ; FMC CORP ; SHAH SHREYA J ; SHETH SHREYA ; WOODRUFF KEITH F ; VARANYAK LINDA A

Inventor(s): (std): VARANYAK LINDA A ; BLACK BRUCE C ; SHETH SHREYA ; WOODRUFF KEITH F ; SHAH SHREYA J

Inventor(s): LINDA A VARANYAK ; BRUCE C BLACK ; SHREYA SHETH ; KEITH F WOODRUFF

Agent(s): SMART AND BIGGAR; EARNSHAW GEOFFREY MARK; DEACONS; FMC CORP; BOLAND KEVIN J 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 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 PE PG PH PL PT RO RS RU 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

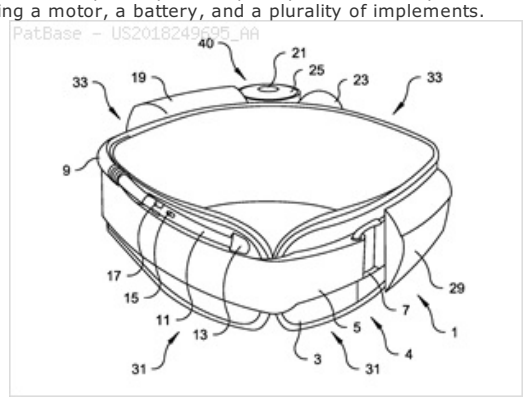
422) Family number: 71027962 (US2018249695A)

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Title: BELT VAC SYSTEM

Abstract: A pest control device and method and kit for pest control. The pest control includes a main body having a curved shape configured to extend partially or completely around a body of a person, a hose, a collection container operably connected to the hose, and a vacuum mechanism containing a motor. The vacuum mechanism is operably connected to the collection container and the hose. The pest control device also includes a battery operably connected to the vacuum mechanism. The method for pest control includes providing the pest control device, arranging the main body around the body of the person, and activating the vacuum mechanism to suction pests via the hose into the collection container. The kit for pest control includes a main body having a curved shape configured to extend partially or completely around a body of a person, a hose, a collection container, a vacuum mechanism containing a motor, a battery, and a plurality of implements.

Classifications:
International (IPC 8-9): A01M5/02 A47L7/00 (Advanced/Invention)
CPC: A01M5/02 A47L7/0085 A47L9/0673 A47L7/0019 A47L7/0052



Family:

Publication number	Publication date	Application number	Application date
US2018249695 AA	20180906	US20180908985	20180301

Priority:
US20170465996P 20170302 US20180908985 20180301

Probable Assignee: GEIGER JOEL R

Assignee(s): (std): GEIGER JOEL R ; NEAL CRAIG

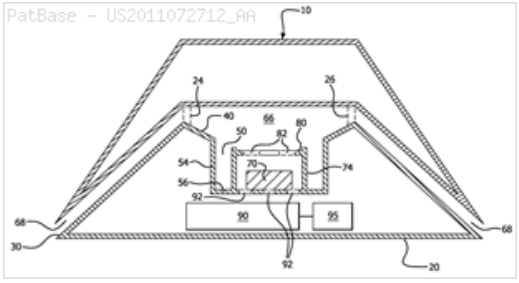
Inventor(s): (std): NEAL CRAIG ; GEIGER JOEL R

423) Family number: 48532964 (US2011072712A)

Title: BED BUG CAPTURING DEVICE

Abstract: The present invention relates to a bed bug capturing device comprising: (a) a bed bug attractant element comprising (i) a heavier than air organic chemical which attracts bed bugs; and (ii) a means for producing air flow such that the air movement from the device has a face velocity of between about 5 and about 50 ml/cm2/min; and (b) a trap element. Preferably, such means of producing air flow is a fan.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 A01N31/02 A01N35/02 (Advanced/Invention)
CPC: Y02A50/374 A01M1/103 A01M1/02 A01M1/2033 A01M1/2055
European: A01M1/02 A01M1/10C A01M1/20C2F A01M1/20C2S
US: 43/123 43/123P



Family:

Publication number	Publication date	Application number	Application date
US2011072712 AA	20110331	US20100872456	20100831
WO11037729 A2	20110331	WO2010US47278	20100831
WO11037729 A3	20110721	WO2010US47278	20100831

Priority:

US20090246315P 20090928 US20100872456 20100831

Probable Assignee: FMC CORP

Assignee(s): (std): FMC CORP ; SHETH SHREYA ; VARANYAK LINDA A ; WOODRUFF KEITH F ; BLACK BRUCE C

Inventor(s): (std): VARANYAK LINDA A ; BLACK BRUCE C ; SHETH SHREYA ; WOODRUFF KEITH F ; SHAH SHREYA J

Agent(s): BOLAND KEVIN J ET AL

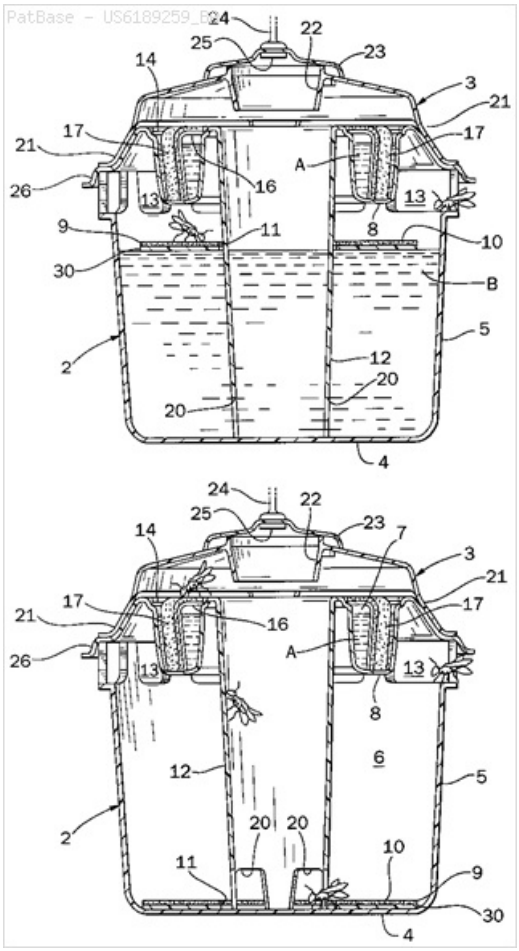
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU 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

424) Family number: 11887966 (US6189259B)

Title: Insect bait-and-switch delivery apparatus

Abstract: An insect bait-and-switch liquid delivery apparatus for the control of insects. The apparatus includes a reservoir defining a first chamber containing liquid bait attractive to an insect and a second chamber containing liquid active toxic to an insect, a first feeding station in the first chamber for making liquid bait available to an insect, a second feeding station in the second chamber for making liquid active available to an insect, a passageway interconnecting the first and second chambers, and an access port disposed to initially prevent or limit access of an insect to the second feeding station during an initial feeding period and to subsequently enable access to the second feeding station via the passageway after the initial feeding period. In one embodiment, the access port is located beneath the surface of the liquid bait, and in another embodiment the access port is located above the surface of said liquid bait.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/20 A01N1/20 A01N102/00 (Advanced/Invention);
A01M1/02 A01M1/20 (Advanced/Non-invention);
A01M1/02 A01M1/20 (Core/Invention)
International (IPC 1-7): A01M1/02 A01M1/20
CPC: A01M1/2005 A01M1/2016 A01M2200/012
European: A01M1/02B A01M1/20B A01M1/20B2 A01M1/20C K01M200/012 K01M201/02
US: 43/131 43/132.1



Family:

Publication number	Publication date	Application number	Application date
AR021445 AA	20020717	AR2000P102928	20000614
AT227508 E	20021115	AT20000941258T	20000607
AU200055987 A1	20010102	AU20000055987	20000607
AU200055987 A5	20010102	AU20000055987	20000607
AU756754 B2	20030123	AU20000055987	20000607
BRPI0011641 A	20020319	BR2000PI11641	20000607
CA2377150 AA	20011212	CA20002377150	20000607
CA2377150 C	20050913	CA20002377150	20000607
CL2000001521 A1	20010322	CL20000001521	20000609
CN1164168 C	20040901	CN20008010390	20000607
CN1361660 A	20020731	CN20008010390	20000607
DE60000789 D1	20021219	DE20006000789	20000607
DE60000789 D1	20021219	DE20006000789T	20000607
DE60000789 T2	20030313	DE20006000789T	20000607
EP1185170 A1	20020313	EP20000941258	20000607
EP1185170 B1	20021113	EP20000941258	20000607
ES2181659 T3	20030301	ES20000941258T	20000607
JP2003501104 T2	20030114	JP20010502669T	20000607
KR100437078 B1	20040623	KR20017016046	20011213
KR20020025895 A	20020404	KR20017016046	20000607
MXPA01012955 A1	20020730	MX2001PA12955	20000607
NZ516161 A	20030530	NZ20000516161	20000607
PT1185170 T	20030331	PT20000941258T	20000607
US6189259 BA	20010220	US19990332784	19990614
WO0076312 A1	20001221	WO2000US15674	20000607

Priority:

US19990332784 19990614 WO2000US15674 20000607 US20080074740P 20080623

Probable Assignee: SC JOHNSON AND SON INC

Assignee(s): (std): JOHNSON AND SON INC S C ; S C JOHNSON

Assignee(s): S C JOHNSON AND SON INC ; SC JOHNSON AND SON INC ; SOLLER DOUGLAS A

Inventor(s): (std): SOLLER DOUGLAS A ; SOLLER A

Inventor(s): DOUGLAS A SOLLER ; DOUGLASA SOLLER ; SOLLER DOUGLAS

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; BERESKIN AND PARR; ALESSANDRI

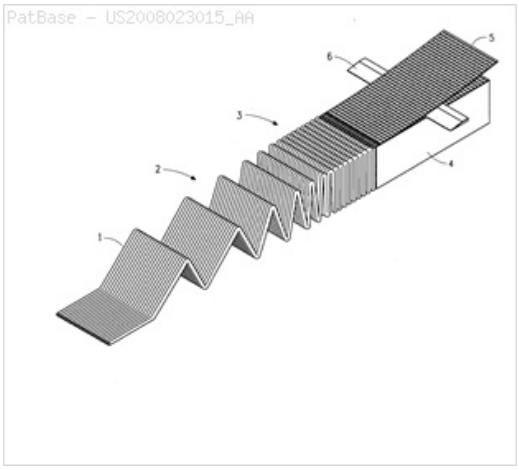
Designated states: AT AU BE BR CA CH CN CY DE DK ES FI FR GB GR IE IT JP KR LI LU MC MX NL NO NZ PL PT SE TR ZA

425) Family number: 39344966 (US2008023015A)

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Title: PROCESSES FOR MAKING FIBER-ON-END MATERIALS

Abstract: Processes for making fiber-on-end materials are provided. The materials can be used to make a variety of finished articles.



Classifications:
International (IPC 8-9): A01N25/00 A41D13/00 A41D31/00 A61B19/00 A61L9/01 B01D15/04 B01D15/08 B01D39/00 B01D61/00 B01D63/02 B01D67/00 B01D69/00 B01D69/06 B01D69/08 B01J35/06 B01L1/04 B01L11/00 B01L99/00 B32B37/04 B32B37/06 B32B37/16 B32B38/04 B32B38/18 B32B5/08 B65H81/00 C09K21/00 D01F8/04 D02G3/06 D02J3/02 D04H1/74 D04H3/02 D04H3/04 D04H3/14 D06H7/00 D06M11/00 H01B1/00 (Advanced/Invention); D01F8/04 (Advanced/Non-invention); A41D13/00 A41D31/00 B01D15/08 B01D61/00 B01D63/02 B01D67/00 B01D69/00 B32B37/04 B32B5/08 D01F8/04 D02G3/02 D02J3/00 D04H1/70 D04H3/02 D04H3/14 D06H7/00 D06M11/00 (Core/Invention); D01F8/04 (Core/Non-invention)
CPC: B01D2319/06 B01D67/0002 B01D69/06 B01D2325/48 B01D67/00 D04H3/02 B01D69/08 B01D69/085 B01D63/021 B01D69/082 B01D69/087 B01D2323/42 B01D2325/021 D04H1/74 Y10T156/1062 Y10T156/1075 Y10T156/1049 Y10T442/609 Y10T442/643 A41D31/04
European: A41D31/00C B01D13/04B B01D63/02B B01D67/00 B01D67/00K B01D69/06 B01D69/08 B01D69/08D B01D69/08F B01D69/08H D04H1/74 D04H3/02 L01D323/42 L01D325/02B
US: 128/899 156/148 156/155 156/155S 156/169 156/173 156/174 156/175 156/226 156/226S 156/256 156/264 2/1 2/115 2/115S 2/159 2/159S 2/171 2/171S 2/1S 2/410 2/410S 2/456 2/456S 2/84 2/84S 2/93 2/93S 210/137 210/137S 210/505 210/505S 210/679 210/679S 252/500 252/500S 252/604 252/604S 422/101 422/400 422/400S 424/405 424/405S 424/76.1 424/76.100S 442/335 442/335S 442/366 442/366S 454/187 454/187S 454/370 454/370S 502/4 502/4S

Family:

Publication number	Publication date	Application number	Application date
DE102007035583 A1	20080417	DE200710035583	20070730
DE102008034658 A1	20090409	DE200810034658	20080725
GB200714821 A0	20070912	GB20070014821	20070730
GB200812225 A0	20080813	GB20080012225	20080703
GB200812227 A0	20080813	GB20080012227	20070730
GB200812228 A0	20080813	GB20080012228	20080703
GB200812229 A0	20080813	GB20080012229	20080703
GB2440663 A1	20080206	GB20070014821	20070730
GB2440663 B2	20110907	GB20070014821	20070730
GB2450802 A1	20090107	GB20080012225	20080703
GB2450802 B2	20100414	GB20080012225	20080703
GB2450803 A1	20090107	GB20080012227	20070730
GB2450803 B2	20110126	GB20080012227	20070730
GB2450804 A1	20090107	GB20080012228	20080703
GB2450804 B2	20091230	GB20080012228	20080703
GB2450805 A1	20090107	GB20080012229	20080703
GB2450805 B2	20100609	GB20080012229	20080703
JP2008088622 A2	20080417	JP20070198022	20070730
JP2009057678 A2	20090319	JP20080191669	20080725
US2008023015 AA	20080131	US20070828629	20070726
US2008023125 AA	20080131	US20070828606	20070726
US2011203720 AA	20110825	US20110104055	20110510
US7964049 BB	20110621	US20070828606	20070726

Priority:

US20060837389P 20060728 US20070828606 20070726 US20070828629 20070726
GB20070014821 20070730 GB20070014821 20070730 GB20070014821 20070730
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Probable Assignee: E I DU PONT DE NEMOURS AND CO

Assignee(s): (std): DU PONT

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

Inventor(s): (std): ARNOLD CARL B ; ARNOLD CARL BERNARD ; KAPUR VIVEK ; PERROTTO JOSEPH A ; PERROTTO JOSEPH ANTHONY ; SAMUELSON HARRY V ; SAMUELSON HARRY VAUGHN

Inventor(s): VIVEK KAPUR ; ARNOLD CARL ; SAMUELSON HARRY ; PERROTTO JOSEPH ; CARL BERNARD ARNOLD ; HARRY VAUGHN SAMUELSON ; JOSEPH ANTHONY PERROTTO

Agent(s): E I DU PONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER; E I DU PONT DE NEMOURS AND CO LEGAL PATENT RECORDS CENTER

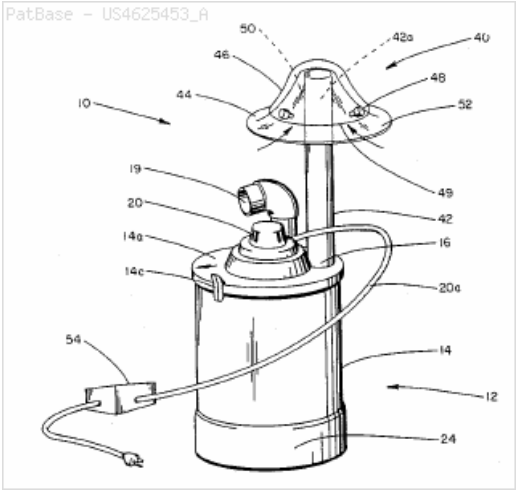
426) Family number: 5153966 (US4625453A)

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Title: Apparatus for capturing insects

Abstract: The present invention provides a clean, sanitary, and safe apparatus for capturing flies, and flying insects from the air. Specifically, the method and apparatus of the present invention entails a timed vacuum source for generating a system of moving air that is induced over an insect induction area. The velocity of the air is increased as it passes over the insect induction area. Flying insects or other insects that move into the vicinity of the induction area are captured and delivered by the moving air to an insect collection area.
Classifications:
International (IPC 8-9): A01M1/06 (Advanced/Invention); A01M1/00 (Core/Invention)

International (IPC 1-7): A01M1/06
CPC: A01M1/06 A01M2200/012
European: A01M1/06 K01M200/012 K01M201/02
US: 43/139



Family:

Publication number	Publication date	Application number	Application date
US4625453 A	19861202	US19850748217	19850624

Priority:
US19850748217 19850624

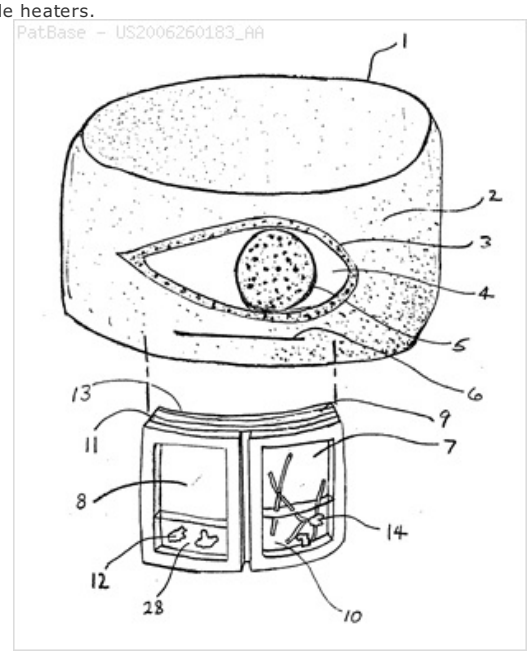
Probable Assignee: SMITH ULYS
Assignee(s): (std)**:** SMITH ULYS
Inventor(s): (std)**:** SMITH ULYS

427) Family number: 33804968 (US2006260183A)

Title: INSECT REPELLENT AND ATTRACTANT AND AUTO-THERMOSTATIC MEMBRANE VAPOR CONTROL DELIVERY SYSTEM

Abstract: A membrane enclosed fluid diffusion system for insect attractants and repellents, auto thermostatic heaters, and chemical delivery using an additive and/or selectively permeable membrane that interacts with the enclosed fluid to maintain steady delivery rates over a range of temperature and humidity. Systems can be formed with permeable membranes, impermeable membranes, chemical hydrates, wicks, scent fluids, fuel fluids, catalytic heaters, energy conversion devices, visible images, infrared images, trapping systems, sound systems, electronics, and apparel. The device results in efficient and effective devices for mosquito control drug delivery, and portable heaters.

Classifications:
International (IPC 8-9): A01M1/20 A01M29/10 A01M29/12 A01N25/34 (Advanced/Invention)
CPC: A01M1/02 A01M1/023 A01M1/06 A01M1/08 A01M1/2044 A01M1/2061 A01M1/2088 A01M1/223 A01M29/10 A01M29/12 Y10S514/875 Y10S514/876 Y10S514/919
European: A01M1/02 A01M1/02C A01M1/06 A01M1/08 A01M1/20C2L A01M1/20C4 A01M1/20C4R A01M1/22B A01M29/10 A01M29/12
US: 119/654 424/403 424/405 424/409 424/411 424/413 43/111 43/112 43/113 43/129 43/129P 43/132.1 43/132.100S 514/875 514/876 514/919



Family:

Publication number	Publication date	Application number	Application date
JP2008539790 T2	20081120	JP20080512517T	20060518
US2006260183 AA	20061123	US20060436876	20060518
US7988984 BB	20110802	US20060436876	20060518
WO06125115 A2	20061123	WO2006US19323	20060518
WO06125115 A3	20080117	WO2006US19323	20060518

Priority:
US20050682293P 20050518 US20060436876 20060518 WO2006US19323 20060518

Probable Assignee: ENERGY RELATED DEVICES INC
Assignee(s): (std)**:** ENERGY RELATED DEVICES INC ; HOCKADAY ROBERT G
Inventor(s): (std)**:** HOCKADAY ROBERT G

Inventor(s): HOCKADAY ROBERT

Agent(s): JAMES C WRAY; JAMES CREIGHTON

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

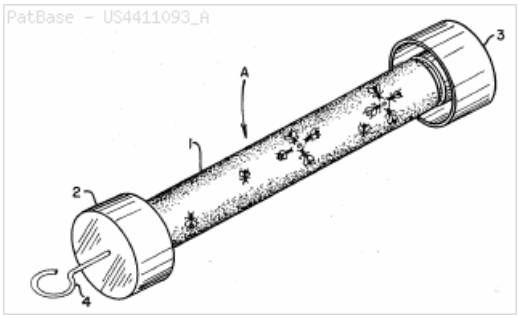
428) Family number: 3863974 (US4411093A)

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Title: Insect lure

Abstract: In an insect lure for attracting and killing insects, particularly the housefly, a tubular formed base member incorporates a pair of end caps, at each end of the tube, with the tubular member being formed of a kraft base paper, wrapped with an outer layer of white paper, then being covered with a fluorescent paper that provides a superficial luminescent surface of attraction to such insects, said luminescent material is overprinted with silhouettes of insects, such as the housefly, usually in a clustered arrangement, and may have a poison located at the focal point of such cluster for enhancing the kill of any attracted insect, and, finally, a coating of a lacquer is applied over the fluorescent attractant, including any silhouettes imprinted thereon, and a highly viscous tackifier material is applied upon the lacquer barrier for enhancing insect adherence thereto. The process of attracting such insects, particularly the housefly, is encompassed in this invention and which comprises the formation of the previously identified type tubular base member, having its ends capped, and positioning such graphic silhouettes of flies upon a luminescent background coating with the then application of a lacquer, and then applying the highly viscous tackifier material to its surface.

Classifications:
International (IPC 8-9): A01M1/14 A01M1/20 (Advanced/Invention); A01M1/00 A01M1/20 (Core/Invention)
International (IPC 1-7): A01M1/14
CPC: A01M1/145 A01M1/20
European: A01M1/14 A01M1/14B A01M1/20
US: 43/114



Family:

Publication number	Publication date	Application number	Application date
US4411093 A	19831025	US19810274551	19810617

Priority:

US19810274551 19810617

Probable Assignee: SC JOHNSON COMMERCIAL MARKETS INC

Assignee(s): (std): WHITMIRE RESEARCH LAB INC

Assignee(s): WHITMIRE RESEARCH LABORATORIES INC ; WHITMIRE RESEARCH LABORATORIES INC A CORP OF MO ; SC JOHNSON COMMERCIAL MARKETS INC

Inventor(s): (std): STOUT DANIEL M ; DUFF CHARLES B

429) Family number: 33361975 (US2011097330A)

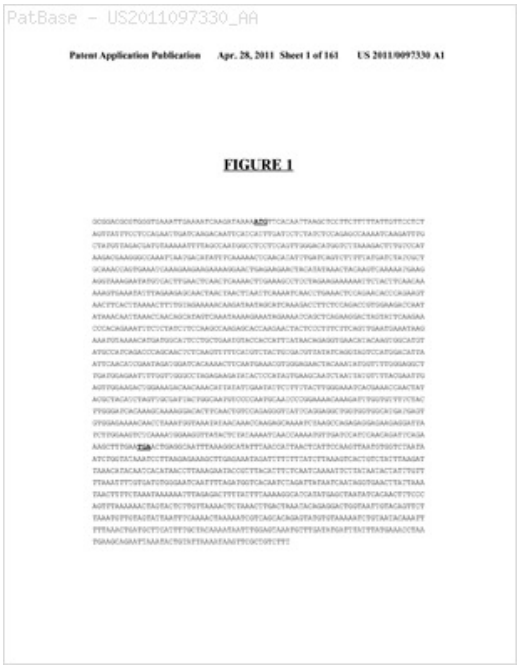
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Title: NOVEL GENE DISRUPTIONS, COMPOSTITIONS AND METHODS RELATING THERETO

Abstract: The present invention relates to transgenic animals, as well as compositions and methods relating to the characterization of gene function. Specifically, the present invention provides transgenic mice comprising disruptions in PRO179, PRO181, PRO244, PRO247, PRO269, PRO293, PRO298, PRO339, PRO341, PRO347, PRO531, PRO537, PRO718, PRO773, PRO860, PRO871, PRO872, PRO813, PRO828, PRO1100, PRO1114, PRO115, PRO1126, PRO1133, PRO1154, PRO1185, PRO1194, PRO1287, PRO1291, PRO1293, PRO1310, PRO1312, PRO1335, PRO1339, PRO2155, PRO1356, PRO1385, PRO1412, PRO1487, PRO1758, PRO1779, PRO1785, PRO1889, PRO90318, PRO3434, PRO3579, PRO4322, PRO4343, PRO4347, PRO4403, PRO4976, PRO260, PRO6014, PRO6027, PRO6181, PRO6714, PRO9922, PRO7179, PRO7476, PRO9824, PRO19814, PRO19836, PRO20088, PRO70789, PRO50298, PRO51592, PRO1757, PRO4421, PRO9903, PRO1106, PRO1411, PRO1486, PRO1565, PRO4399 or PRO4404 genes. Such in vivo studies and characterizations may provide valuable identification and discovery of therapeutics and/or treatments useful in the prevention, amelioration or correction of diseases or dysfunctions associated with gene disruptions such as neurological disorders; cardiovascular, endothelial or angiogenic disorders; eye abnormalities; immunological disorders; oncological disorders; bone metabolic abnormalities or disorders; lipid metabolic disorders; or developmental abnormalities.

Classifications:
International (IPC 8-9): A01K67/00 A01K67/02 A01K67/027 A61K31/00 A61K38/00 A61K39/00 A61K39/39 A61K39/395 A61K45/00 A61K49/00 A61P1/04 A61P1/16 A61P11/00 A61P11/02 A61P11/06 A61P13/12 A61P17/00 A61P17/02 A61P17/06 A61P19/02 A61P19/08 A61P19/10 A61P21/00 A61P25/00 A61P25/02 A61P25/18 A61P25/20 A61P25/22 A61P25/24 A61P25/28 A61P27/02 A61P27/06 A61P27/12 A61P27/16 A61P29/00 A61P3/10 A61P35/00 A61P37/00 A61P37/02 A61P37/06 A61P37/08 A61P5/14 A61P7/00 A61P7/06 A61P9/00 A61P9/04 A61P9/08 A61P9/10 A61P9/12 C07K14/47 C07K14/51 C07K14/515 C07K16/18 C12N15/09 C12N5/071 C12N5/0735 C12N5/10 C12Q1/00 C12Q1/02 C12Q1/68 G01N33/15 G01N33/50 (Advanced/Invention);
C12N15/09 C12Q1/68 (Advanced/Non-invention);
A01K67/00 A01K67/02 A01K67/027 A61K38/00 A61K39/39 A61K39/395 A61K45/00 A61P1/00 A61P11/00 A61P13/00 A61P17/00 A61P19/00 A61P21/00 A61P25/00 A61P27/00 A61P29/00 A61P3/00 A61P35/00 A61P37/00 A61P5/00 A61P7/00 A61P9/00 C07K14/43 C07K14/435 C07K16/18 C12N15/09 C12N5/10 G01N33/15 G01N33/50 (Core/Invention);

C12N15/09 C12Q1/68 (Core/Non-invention);
A01K A61K C07K C12N G01N (Subclass/Invention)
CPC: A01K2217/075 A61K2039/505 C07K14/47 G01N2500/00 Y02A50/464
European: C07K14/47 K01K217/07B K61K39/505 S01N500/00
US: 424/139.1 424/139.100P 435/29 435/29S 435/325 435/325S 435/354 435/354S 435/6 435/6.16 435/6.160S 530/387.9 530/387.900S 800/3 800/3S



Family:

Publication number	Publication date	Application number	Application date
AU2006223579 AA	20060921	AU20060223579	20060227
CA2601677 AA	20070820	CA20062601677	20060227
EP1863340 A2	20071212	EP20060736637	20060227
JP2008532516 T2	20080821	JP20080500763T	20060227
JP2009168820 A2	20090730	JP20090049942	20090303
US2011097330 AA	20110428	US20060722967	20060227
WO06098887 A2	20060921	WO2006US07353	20060227
WO06098887 A3	20070809	WO2006US07353	20060227
ZA200707494 A	20090527	ZA20070007494	20060227
ZA200807822 A	20091125	ZA20080007822	20080911
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ZA200807825 A	20091125	ZA20080007825	20080911
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ZA200807827 A	20091125	ZA20080007827	20080911

Priority:

US20050661173P 20050311 US20050740522P 20051129 JP20080500763 20060227
JP20080500763T 20060227 WO2006US07353 20060227 US20060722967 20060227

Probable Assignee: LEXICON PHARMACEUTICALS INC

Assignee(s): (std): BYERS HORNER ALLISON ANNE ; CLARKE CATHERINE ANNE B ; COMBS KATHERIN ; COMBS KATHERIN E ; DESAUVAGE FREDERIC ; GENENTECH INC ; LEXICON GENETICS INC ; EDWARDS JOEL ; GODOWSKI PAUL ; GRANT DEANNA ; HUANG WENHU ; KETCHERSIDE LORELEI DIANE ; DING ZHIYONG ; HORNER ALLISON ANNE BYERS ; MASSEY ERIN MARIE ; MONTGOMERY CHUCK ; PAYNE BOBBY JOE ; PETERSON ANDREW ; QIAN NI NANCY ; SCHRICK JEFFREY J ; SHI ZHENG ZHENG ; SPARKS MARY JEAN ; STALA JOY ; VIATOR COLLEEN M ; VOGEL PETER ; YE WEILAN ; YEH JUNG HUA ; MONTGOMERY CHARLES A ; LEXICON PHARMACEUTICALS INC ; LEXICON PHARMACEUTICAL INC

Inventor(s): (std): PAUL GODOWSKI ; PETER VOGEL ; SCHRICK JEFFREY L ; STALA JOY ANNE ; WEILAN YE ; WENHU HUANG ; WILSON DEANNA GRANT ; ZHENG ZHENG SHI ; ZHIYONG DING ; YEH JUNG HUA ; YE WEILAN ; VOGEL PETER ; VIATOR COLLEEN M ; STALA JOY ; SPARKS MARY JEAN ; SHRICK JEFFREY J ; SHI ZHENG ZHENG ; SCHRICK JEFFREY J ; QIAN NI NANCY ; PETERSON ANDREW ; PAYNE BOBBY JOE ; MONTGOMERY CHUCK ; MASSEY ERIN MARIE ; KETCHERSIDE LORELEI DIANE ; HUANG WENHU ; GRANT DEANNA ; GODOWSKI PAUL ; EDWARDS JOEL ; DESAUVAGE FREDERIC ; COMBS KATHERINE E ; COMBS KATHERIN ; CLARKE CATHERINE ANNE B ; BYERS HORNER ALLISON ANNE ; ANDREW PETERSON ; ANNE STALA JOY ; COMBS KATHERIN E ; DE SAUVAGE FREDERIC J ; DEANNA GRANT ; DING ZHIYONG ; FREDERIC DESAUVAGE ; HORNER ALLISON ANNE BYERS ; JEAN SPARKS MARY ; JOE PAYNE BOBBY ; JOEL EDWARDS ; JOY STALA ; JUNG HUA YEH ; CLARKE CATHERINE BATAC ; MARIE MASSEY ERIN ; MONTGOMERY CHARLES ; MONTGOMERY CHARLES A ; NANCY QIAN NI

Inventor(s): NI NANCY QIAN ; MARY JEAN SPARKS ; COLLEEN M VIATOR ; ALLISON ANNE BYERS HORNER ; KATHERIN COMBS ; LORELEI DIANE KETCHERSIDE ; JEFFREY J SCHRICK ; ERIN MARIE MASSEY ; BOBBY JOE PAYNE ; CATHERINE ANNE B CLARKE ; CHUCK MONTGOMERY

Agent(s): GRIFFITH HACK; SMART AND BIGGAR

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

430) Family number: 1266975 (AT83381A)

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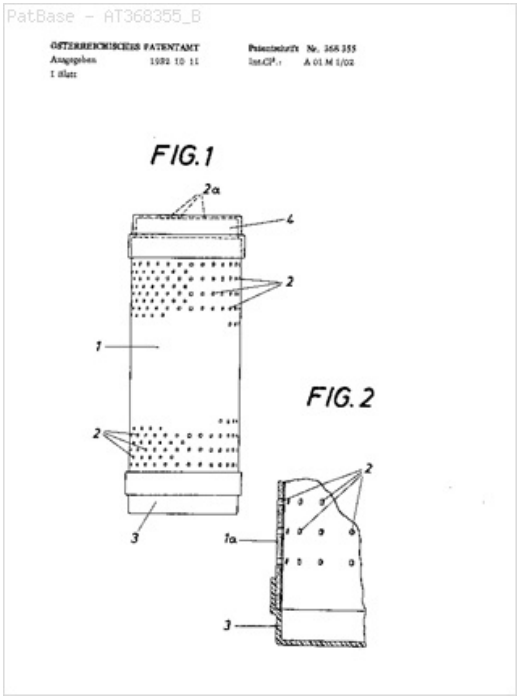
Title: INSEKTENFALLE, INSBESONDERE FUER BORKENKAEFER OD.DGL.

Abstract: Source: AT368355B [DE] [Source: Claim 1] 1. Insektenfalle, insbesondere fuer Borkenkaefer od. dgl., bestehend aus einem einen Insektenlockstoff enthaltenden, mit einem Boden und einem Deckel versehenen zylindrischen Behaelter,

dessen gelochter Mantel eine rauhe Aussenseite und eine glatte Innenseite aufweist, dadurch gekennzeichnet, dass der Mantel (1) eine Aussenschicht (la) aus Schaumstoff, vorzugsweise weichem Schaumkunststoff oder Schaumgummi, traegt und die Oberseite des Deckels (4) mit Loechern (2a) versehen ist und dass der Boden (3) des Behaelters durchsichtig oder durchscheinend ist.

Machine translation: [Source: claim 1] 1 insect trap, particularly for bark beetle or etc., consisting of a an Insektenlockstoff containing, with a base and a lid cylindrical container, the perforated casing has a rough outside and a smooth inner side, characterized, that of (1) a coat wearing outer layer (la) of foam, preferably soft foam plastic or foam rubber, and has the top of the lid (4) hole (2a) and that the bottom (3) of the container is transparent or translucent.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/02
CPC: A01M1/02 A01M1/106 A01M2200/012
European: A01M1/02 A01M1/02B A01M1/10F K01M200/012 K01M201/02



Family:

Publication number	Publication date	Application number	Application date
AT368355 B	19821011	AT19810000833	19810224
AT83381 A	19820215	AT19810000833	19810224

Priority:
AT19810000833 19810224

Probable Assignee: HOHENEGGER FRITZ
Assignee(s): (std): HOHENEGGER FRITZ
Assignee(s): HOHENEGGER FRITZ ING

431) Family number: 50070975 (IN198668B)

Title: SOLAR MOSQUITO DESTROYER

Abstract: This invention is a Solar Mosquito Destroyer, a non mechanized device for trapping and destroying mosquitoes and houseflies consisting of a gas inlet tube which has fine perforations and covered with fine mesh on the inner end and through which biogas from a drainage tank or septic tank or such other sources flow in; a system box to which the inlet pipe is fitted; a gas exhaust tube through which mosquitoes enter the system box; a transparent plate on the lid of the box and a trap hole on the lid of the box at one end of the plate; a transparent conical tube fixed just over the trap hole so as to cover it; and a solar finance into which the mosquitoes pass through the vertical tube which they enter through the trap hole. The operation of the device being such that the mosquitoes being attracted by the gases flowing out through the gas exhaust tube, enter the system box through the gas exhaust tube and on entering they tend to fly towards the transparent plate attracted by the sun light seeping in through the transparent plate ultimately finding their way to the trap hole; the upward flight trough the transparent conical tube taking the mosquitoes to the solar furnace at the top of the device there to perish with the heat of the sun; the trapped mosquito bodies being clearable by detaching the reservoirs on either side of the solar furnace.
Classifications:
International (IPC 1-7): A01M1/02

Family:

Publication number	Publication date	Application number	Application date
IN198668 B	20070223	IN2000MA00504	20000630

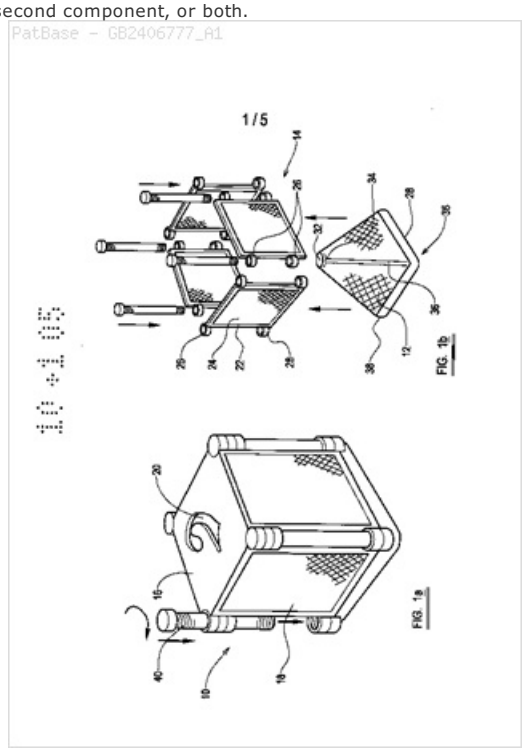
Probable Assignee: MATHEWS KAITHAVAYALIL MATHEW
Assignee(s): MATHEWS KAITHAVAYALIL MATHEW
Inventor(s): MATHEWS KAITHAVAYALIL MATHEW

432) Family number: 29803978 (GB2406777A)

Title: Flying insect trap

Abstract: A trap 50 for flying insects comprising an outer component 52 and an inner component 54 that push-fit together, the outer component having a first opening and the inner component having a second (74, fig.2b) and third 76 opening, the first opening being larger than the second and the second being larger than the third. The components may have rods 60 and sockets 64 to allow them to push-fit together. The inner component may be self-supporting and the outer component may have a hanger 70. Preferably, the outer component may be formed from a number of panels. The trap may also have a base component 56 which can push-fit together with the first component, second component, or both.

Classifications:
International (IPC 8-9): A01M1/10 (Advanced/Invention); A01M1/00 (Core/Invention)
International (IPC 1-7): A01M1/02
CPC: A01M1/10 A01M1/106 A01M2200/012
European: A01M1/10 A01M1/10F K01M200/012 K01M201/02



Family:

Publication number	Publication date	Application number	Application date
GB200323503 A0	20031112	GB20030023503	20031008
GB2406777 A1	20050413	GB20030023503	20031008

Priority:
GB20030023503 20031008

Probable Assignee:	EARTH DIRECT LTD
Assignee(s): (std):	EARTH DIRECT LTD
Assignee(s):	EARTH DIRECT LIMITED
Inventor(s): (std):	MILLWARD JOHN RICHARD
Inventor(s):	JOHN RICHARD MILLWARD

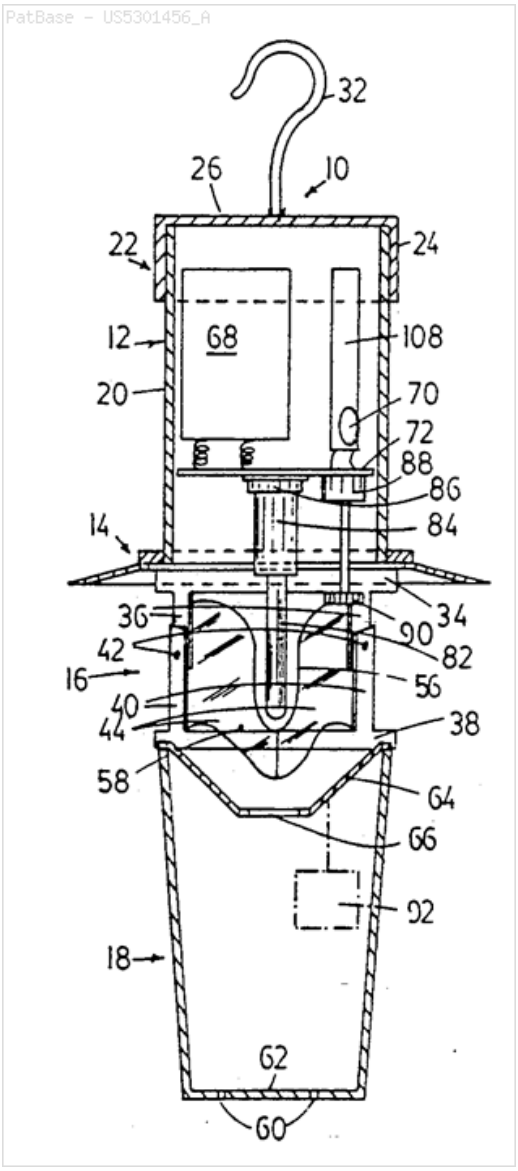
433) Family number: 8953983 (US5301456A)

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Title: Portable luminous insect trap

Abstract: The invention relates to a portable luminous trap for flying or crawling insects. A fluorescent lamp in the center of an insect ingress zone attracts the insects. Transparent baffles radiating outwardly from the lamp act as walls and an insect hitting a baffle is stunned and drops downwardly, through a funnel opening into an entrapment container therebelow. The funnel also helps prevent escape of still-living insects from the container. An alkaline dry cell battery powers the lamp, test circuits for the battery and the lamp, and a clock circuit. A photocell is used to activate the trap at dusk and the setting for the clock circuit determines the length of time that the lamp is activated each night.

Classifications:
International (IPC 8-9): A01M1/04 A01M1/20 (Advanced/Invention); A01M1/02 A01M1/20 (Core/Invention)
International (IPC 1-7): A01M1/04
CPC: A01M1/04 A01M1/2011 A01M1/2016 A01M2200/011 A01M2200/012
European: A01M1/04 A01M1/20B A01M1/20B1 A01M1/20B2 K01M200/011 K01M200/012 K01M201/01 K01M201/02
US: 43/113



Family:

Publication number	Publication date	Application number	Application date
CA2050234 AA	19930301	CA19912050234	19910829
CA2050234 C	19951226	CA19912050234	19910829
US5301456 A	19940412	US19920935911	19920827

Priority:

CA19912050234 19910829

Probable Assignee: CA MINISTER FORESTRY

Assignee(s): (std)**:** CA MINISTER FORESTRY ; CANADA MAJESTY IN RIGHT OF ; CANADA MINISTER OF FORESTRY ; COULOMBE CHARLES ; JOBIN LUC ; UNITED KINGDOM GOVERNMENT

Assignee(s): MAJESTY HER QUEEN IN RIGHT OF CANADA REPR AS ; MAJESTY HER THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF FORESTRY ; MAJESTY HER QUEEN IN RIGHT OF CANADA REPRESENTED BY MINISTER OF FORESTRY AS ; HER MAJESTY QUEEN IN RIGHT OF CANADA REPRESENTED B ; HER MAJESTY QUEEN IN RIGHT OF CANADA AS REPRESENTE ; HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRES ; MAJESTY (HER) THE QUEEN IN RIGHT OF CANADA AS ; HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF FORESTRY ; HER MAJESTY QUEEN IN RIGHT OF CANADA REPRESENTED BY MINISTER OF ENVIRONMENT AS

Inventor(s): (std)**:** COULOMBE CHARLES ; JOBIN LUC

Agent(s): SZERESZEWSKI JULIUSZ MSC

434) Family number: 30090984 (US2002004942A)

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Title: BIOLUMINESCENT NOVELTY ITEMS

Abstract: Novelty items that are combinations of articles of manufacture with fluorescent proteins are provided. These novelty items, include combinations of transgenic plants that express a luciferase or a luciferin with plant food that contains a luciferase and a luciferin.

Classifications:

International (IPC 8-9): A01H1/00 A01H5/00 A01K67/027 A23G1/00 A23G3/00 A23G3/36 A23G3/50 A23G9/32 A23G9/36 A23G9/44 A23L1/00 A23L1/03 A23L1/27 A23L1/30 A23L2/00 A23L2/38 A23L2/52 A23L2/58 A23L2/66 A23L29/00 A23P1/04 A24D3/14 A45D34/00 A61C17/02 A61K38/00 A61K47/48 A61K49/00 A61K8/00 A61K8/11 A61K8/14 A61K8/64 A61K8/66 A61K8/96 A61K8/98

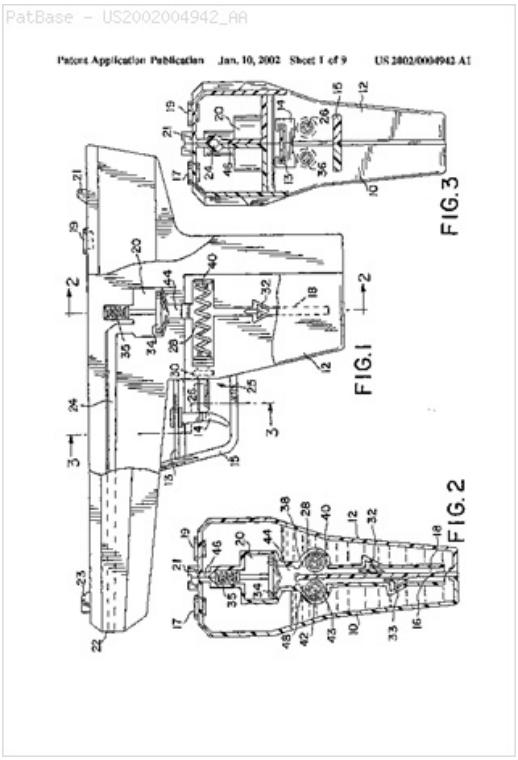
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A23L1/03 A23L1/30 A23L2/38 A45D34/00 A61K38/00 A61K8/00 A61K8/11 A61K8/14 A61K8/96 A61Q11/00 A61Q19/00 B05B15/00 B65D65/38 C09K11/07 C12G1/00 C12G3/00 C12G3/02 C12N1/15 C12N1/19 C12N1/21 C12N15/02 C12N15/09 C12N5/10 C12P21/08 C12Q1/26 C12Q1/68 D06Q1/00 F41B9/00 (Advanced/Non-invention);
A23G3/00 A23G3/34 A23G9/32 A23G9/44 A23L1/00 A23L1/03 A23L1/27 A23L1/30 A23L2/00 A23L2/38 A23L2/52 A23P1/04 A24D3/00 A61K47/48 A61K49/00 A61K8/00 A61K8/11 A61K8/14 A61K8/30 A61K8/96 A61Q11/00 A61Q19/00 A63H33/22 B05B15/00 B05B17/00 B05B7/04 B05B7/24 B05C17/005 B65D65/38 C07K14/435 C07K16/18 C09K11/07 C12C12/00 C12C5/00 C12G1/00 C12G3/00 C12G3/02 C12N1/15 C12N1/19 C12N1/21 C12N15/02 C12N15/09 C12N15/82 C12N5/10 C12N9/02 C12P21/08 C12Q1/26 C12Q1/66 C12Q1/68 D06Q1/00 F21K2/00 F21K99/00 F21S8/00 F21V33/00 F41B9/00 (Core/Invention);
A45D34/00 A61K38/00 F21K2/00 (Core/Non-invention)

International (IPC 1-7): A01H5/00 A01K67/00 A23G1/00 A23G3/00 A23G9/02 A23K1/18 A23L1/00 A23L1/03 A23L1/27 A23L1/30 A23L2/00 A23L2/38 A23L2/58 A23L2/66 A61K7/00 A61K7/00 A61K7/021 A61K7/035 A61K7/06 A61K7/075 A61K7/11 A61K7/16 A61K7/26 A61K7/28 A61K9/127 A61K9/64 A63H27/10 A63H33/22 A63H33/30 B05B15/00 B05B17/08 B65D65/38 C07K16/28 C09D5/22 C09K11/07 C11D9/00 C12C12/00 C12C5/04 C12G1/00 C12G3/00 C12G3/02 C12N1/15 C12N1/19 C12N1/21 C12N15/02 C12N15/09 C12N15/10 C12N15/54 C12N15/62 C12N5/10 C12N9/00 C12N9/02 C12P21/06 C12P21/08 C12Q1/26 C12Q1/66 C12Q1/68 D06Q1/00 D21H11/00 F21K2/00 F21K2/06 F21P1/02 F21S10/00 F41A33/00 F41B9/00 F41C3/00 G01N33/53

CPC: Y10S493/955 A23L2/38 A23L2/58 A23V2002/00 A61K8/64 A61Q11/00 A61Q19/00 B05B7/0408 B05B7/2472 C12C12/004 C12C12/006 C12G1/00 C12N9/0071 C12N15/8212 F21S8/00 F21W2131/401 F21V33/0028 F21W2121/02 C12Q1/66 A23G3/366 A23G3/50 A23G9/363 A23G9/44 A24D3/14 A45D34/00 A61K2800/434 B05B7/2416 B05C17/00553 F21K2/00 F21K2/06 A61K38/00 A61K49/0013 C07K14/43595 C07K2319/00 Y10T442/259 A23K20/00 A23K20/189 A23K50/80 A23L17/00 A23L17/30 A23L29/06 A23L29/065 A23P10/30 F41B9/004 A61C5/64 A61K47/6853 A61K47/6867 C12N9/0069 Y02A40/818

European: A23G3/00 A23G3/00+D2 A23G3/00+H A23G3/36M2 A23G3/50 A23G9/02 A23G9/02+D2 A23G9/02+H A23G9/36M A23G9/44 A23K1/16 A23K1/165B A23K1/18S A23L1/00P4 A23L1/03E A23L1/03M A23L1/325 A23L1/328 A23L2/38 A23L2/58 A23P1/04 A24D3/14 A61K47/48T4B30A A61K47/48T4B30M A61K49/00P4 A61K7/48Z3B2 A61K8/64 A61K8/66 A61Q11/00 A61Q19/00 B05B7/04A B05B7/24A20 B05B7/24A3B B05C17/005F C07K14/435A5 C12C12/00B2 C12C12/00B4 C12G1/00 C12N15/82A8D20 C12N9/00P28 C12N9/00P30 C12Q1/66 F21K2/00 F21K2/06 F21K99/00 F21S8/00 F21V33/00A4B F41B9/00B4D2 K23V2/00 K45D34/00 K61C5/06A2 K61K201/023 K61K38/00 K61K800/434 K61Q11/00 M07K203/00 M07K205/00 M07K207/00 M07K215/00 M07K319/00 M07K319/00E M12N203/00 M12N205/00 M12N207/00 M12N215/00 R21W121/02 R21W131/401

US: 124/74 124/76 162/162 162/162S 222/1 229/87.19 42/54 42/54S 424/45 424/450 424/450S 424/456 424/456S 424/49 424/63 424/64 424/69 424/70.1 424/70.14 424/70.140S 424/70.6 424/70.7 424/78.02 424/94.4 426/104 426/250 426/262 426/268 426/383 426/422 426/540 426/590 426/592 426/656 426/66 435/183 435/189 435/252.2 435/320.1 435/6 435/6.13 435/69.1 435/8 442/131 442/131S 446/473 493/955 510/119 510/135 510/392 510/481 530/350 800/20 800/20P 800/288 800/288P 800/288S 800/8 800/8P



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: GAUSSIA LLC

Assignee(s): (std): BRUCE BRYAN ; BRUCE J BRYAN ; BRYAN BRUCE ; BRYAN BRUCE J ; PROLUME LTD ; SZENT GYORGYI CHRISTOPHER

Assignee(s): BIOLUME INC ; GAUSSIA LLC

Inventor(s): (std): BRYAN BRUCE J ; SZENT GYORGYI CHRISTOPHER ; BRYAN BRUCE ; BRUCE J BRYAN ; BRUCE BRYAN

Inventor(s): CHRISTOPHER SZENT GYORGYI

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; SMART AND BIGGAR; BALDOCK SHARON CLAIRE ET AL; BALDOCK SHARON CLAIRE; REINHOLD COHN AND PARTNERS; LARA A NORTHROP PIETRAGALLO BOSICK AND GORDON LLP

Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK 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 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 UA UG US UZ VN YU ZA ZW

435) Family number: 42924984 (US2011117067A)

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Title: GLUCANASES, NUCLEIC ACIDS ENCODING THEM AND METHODS FOR MAKING AND USING THEM

Abstract: The invention relates to polypeptides having glucanase, e.g., endoglucanase, mannanase, xylanase activity or a combination of these activities, and polynucleotides encoding them. In one aspect, the glucanase activity is an endoglucanase activity (e.g., endo-1,4-beta-D-glucan 4-glucano hydrolase activity) and comprises hydrolysis of 1,4-beta-D-glycosidic linkages in cellulose, cellulose derivatives (e.g., carboxy methyl cellulose and hydroxy ethyl cellulose) lichenin, beta-1,4 bonds in mixed beta-1,3 glucans, such as cereal beta-D-glucans or xyloglucans and other plant material containing cellulosic parts. In addition, methods of designing new enzymes and methods of use thereof are also provided. In alternative aspects, the new glucanases e.g., endoglucanases, mannanases, xylanases have increased activity and stability, including thermotolerance or thermostability, at increased or decreased pHs and temperatures.

Classifications:

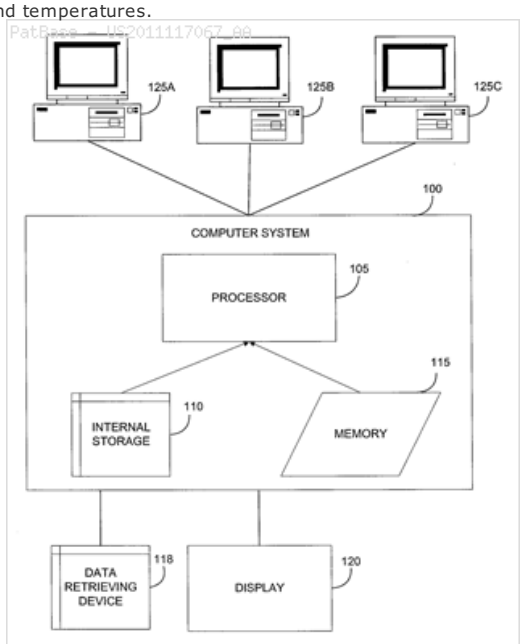
International (IPC 8-9): A01H1/00 A01H5/00 A01H5/10 A01K67/027 A21D8/04 A23C9/12 A23C9/14 A23K1/16 A23K1/165 A23K20/189 A23L1/305 A23L2/66 A23L33/17 A61K35/12 A61K38/47 A61P1/14 A61P31/04 A61P43/00 C07H21/00 C07H21/04 C07K14/00 C07K16/40 C07K17/00 C07K19/00 C09K8/02 C09K8/035 C09K8/52 C09K8/524 C09K8/60 C09K8/68 C09K8/80 C10L1/02 C10L1/04 C11D3/386 C11D7/42 C12C11/00 C12C7/00 C12N1/15 C12N1/19 C12N1/21 C12N11/00 C12N15/00 C12N15/11 C12N15/113 C12N15/56 C12N15/62 C12N15/63 C12N15/82 C12N5/10 C12N9/24 C12N9/42 C12P1/00 C12P19/00 C12P19/02 C12P19/14 C12P7/04 C12P7/06 C12P7/16 C12Q1/34 C12Q1/54 C12Q1/68 C12Q1/6813 C12Q1/6844 C12Q1/6876 C40B50/06 D21H17/00 D21H25/02 E21B43/26 E21B43/27 G01N33/573 G16B30/00 (Advanced/Invention); C07K14/00 C07K17/00 C12N9/24 (Core/Invention)

International (IPC 1-7): C07K14/00 C07K17/00

CPC: C09K8/035 C09K8/52 C09K8/68 C09K8/74 C09K8/805 C09K8/90 C09K2208/24 C12Y302/01004 C12Y302/01006 C12Y302/01008 C12Y302/01039 Y02E50/17 C12N9/2437 C12P19/14 C12P19/02 E21B43/26 C12N9/2405 A23K20/147 A23L33/18 Y02A50/473 Y02A50/481 C12N9/244 C12N9/2482 C12N9/2491 C12Q1/6876 C12Y302/01025 G16B30/00

European: C09K8/035 C09K8/524 C09K8/528 C09K8/68 C09K8/74 C09K8/80 C12N9/24 C12N9/24A2D C12N9/42 C12Y302/01004 C12Y302/01006 C12Y302/01008 C12Y302/01039 M09K208/24 S06F19/22 Y02E50/17

US: 166/308.5 424/93.2 424/93.200S 424/93.21 424/93.210P 424/94.61 424/94.610S 426/61 435/157 435/157S 435/160 435/160S 435/161 435/161S 435/200 435/200S 435/209 435/252.3 435/252.300S 435/252.31 435/252.310S 435/252.33 435/252.330S 435/252.34 435/252.340S 435/252.35 435/252.350S 435/254.11 435/254.110S 435/254.2 435/254.200S 435/267 435/267S 435/320.1 435/320.100S 435/325 435/325S 435/348 435/348S 435/41 435/419 435/419S 435/41S 435/69.1 435/69.100S 435/72 435/72S 435/91.1 435/91.100S 435/91.2 435/91.200S 435/99 507/101 507/101S 507/201 507/201S 510/392 530/324 530/324S 530/350 530/350S 536/23.1 536/23.100S 536/23.2 536/23.200S 800/294 800/294S 800/298 800/298S 800/306 800/306S 800/312 800/312S 800/317.2 800/317.200S 800/317.4 800/317.400S 800/320 800/320.1 800/320.100S 800/320.2 800/320.200S 800/320.3 800/320.300S 800/320S 800/322 800/322S



Family:

Publication number	Publication date	Application number	Application date
AU2007356171 AA	20090212	AU20070356171	20070804

AU2007356171 AH	20140206	AU20070356171	20070804
AU2007356171 BB	20131219	AU20070356171	20070804
AU2007356171 BH	20140116	AU20070356171	20070804
AU2013203257 AA	20130502	AU20130203257	20130404
AU2013203257 AH	20160707	AU20130203257	20130404
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CN101528766 A	20090909	CN200780036871	20070804
CN103397043 A	20131120	CN201310322412	20070804
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EP2444413 A1	20120425	EP20120150998	20070804
MX2009001318 A1	20091020	MX20090001318	20070804
US2011117067 AA	20110519	US20070375146	20070804
US2014295523 AA	20141002	US20140229633	20140328
WO09020459 A2	20090212	WO2007US75226	20070804
WO09020459 A3	20090423	WO2007US75226	20070804

Priority:

US20060835734P	20060804	US20070909365P	20070330	US20070938410P	20070516
AU20070356171	20070804	EP20070875173	20070804	CN200780036871	20070804
CA20072669453	20070804	WO2007US75226	20070804	US20070375146	20070804
AU20130203257	20130404	US20140229633	20140328	CA20182669453	20181019

Probable Assignee: BP PLC

Assignee(s): (std): ESTEGHLALIAN ALIREZA ; QUADT RENE ; HEALEY SHAUN ; SYNGENTA PARTICIPATIONS AG ; STEER BRIAN ; VERENIUM CORP ; MILES STACY MARIE ; BARRETT KENNETH ; BP CORP NORTH AMERICA INC ; SYNGENTA PARTICIPATION AG

Assignee(s): BP CORP NORTH AMERICA INC HOUSTON ; BP NORTH AMERICA INC CORP ; BP NORTH AMERICA INC CORP4104 WINFIELD ROADWARRENVILLEIL60555US ; BP PLC ; SYNGENTA PARTICIPATION AGSCHWARZWALDALLEE 215CH-4058BASELCH ; VERENIUM CORP4955 DIRECTORS PLACESAN DIEGOCA92121US

Inventor(s): (std): MILES STACY M ; BARRETT KENNETH ; MILES STACY MARIE ; STEER BRIAN ; ESTEGHLALIAN ALIREZA ; HEALEY SHAUN ; QUADT RENE ; BRIAN STEER ; SHAUN HEALEY ; RENE QUADT ; MARIE MILES STACY ; ALIREZA ESTEGHLALIAN ; KENNETH BARRETT ; ESTEDHLALIAN ALIREZA ; STACY MARIE MILES

Inventor(s): ALIREZA ESTEDHLALIAN ; STEER BRIAN SAN DIEGO ; QUADT RENE CHAPEL HILL ; ESTEGHLALIAN ALIREZA SAN DIEGO ; MILES STACY MARIE CHAPEL HILL ; HEALEY SHAUN CARLSBAD ; HEALEY SHAUNUS ; ESTEGHLALIAN ALIREZAUS ; BARRETT KENNETHUS ; MILES STACY MARIEUS ; QUADT RENEUS ; STEER BRIANUS

Agent(s): FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; HERBERT SMITH FREEHILLS; FPA PATENT ATTORNEYS PTY LTD; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; KUHNEN AND WACKER PATENT U RECHTSANWALTSBUERO; WAKERLEY HELEN RACHAEL

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

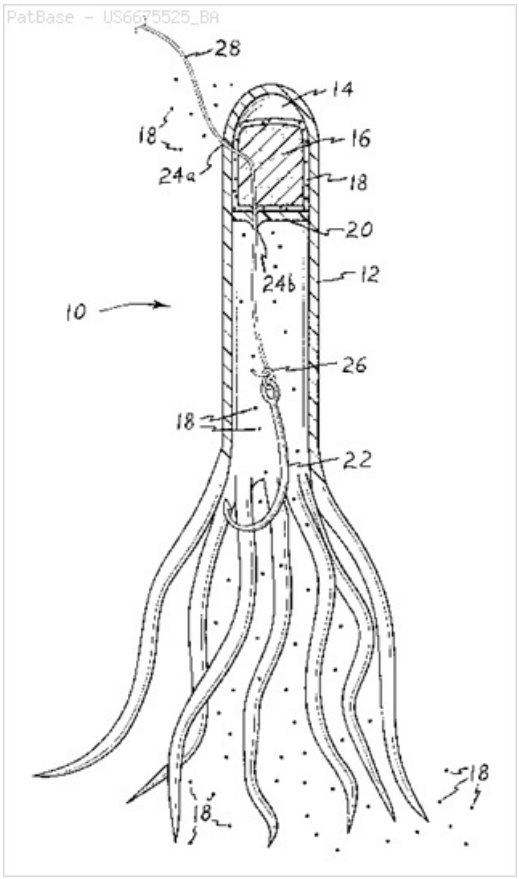
436) Family number: 31957984 (US6675525B)

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Title: Disposable, buoyant scented lure

Abstract: A disposable, buoyant, scented fishing lure is formed of a soft, resilient, economically disposable plastic material, with a hollow chamber formed within the lure body. A fish attractant scent material and flotation element are placed within the lure body chamber. The float may be coated or otherwise treated with the scent material prior to installation within the lure, to install the scent material therein. The chamber, with the scent material and float installed therein, is then hermetically sealed to prevent escape of the scent therefrom. When the lure is to be used, the angler installs a fish hook therein and penetrates the scent and float chamber with the hook. This allows the scent material to be released gradually from the lure through the passages formed by the hook insertion in the lure. Once the scent material has substantially dissipated, the angler may discard the used lure for a fresh one.

Classifications:
International (IPC 8-9): A01K85/01 (Advanced/Invention);
A01K85/01 (Core/Invention)
International (IPC 1-7): A01K85/01
CPC: A01K85/01
European: A01K85/01
US: 43/42.05 43/42.06 43/42.24 43/42.35 43/42.36 43/42.53 43/422.4



Family:

Publication number	Publication date	Application number	Application date
CA2450180 AA	20050520	CA20032450180	20031120
CA2450180 C	20060919	CA20032450180	20031120
US6675525 BA	20040113	US20020209916	20020802

Priority:

US20020209916 20020802 CA20032450180 20031120

Probable Assignee: FORD JAMES R

Assignee(s): (std)**:** FORD JAMES R

Inventor(s): (std)**:** FORD JAMES R

Agent(s): MCFADDEN FINCHAM; OSLER HOSKIN AND HARCOURT LLP

437) Family number: 7157985 (US3708908A)

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Title: INSECT TRAP

Abstract: The insect trap has a tubular, perforated housing which serves as a receptacle for an inner tubular structure which is an insect attractor and catcher. In the preferred embodiment, the inner tubular structure is also perforated and carries a sticky surface on the exterior thereof for capturing insects and an odor-emitting attractant on the interior for emitting an attractive odor through the perforations. In another embodiment, the odor-emitting attractant may be incorporated into the sticky insect-capturing material and coated on the outside of the inner tubular insert.

Classifications:

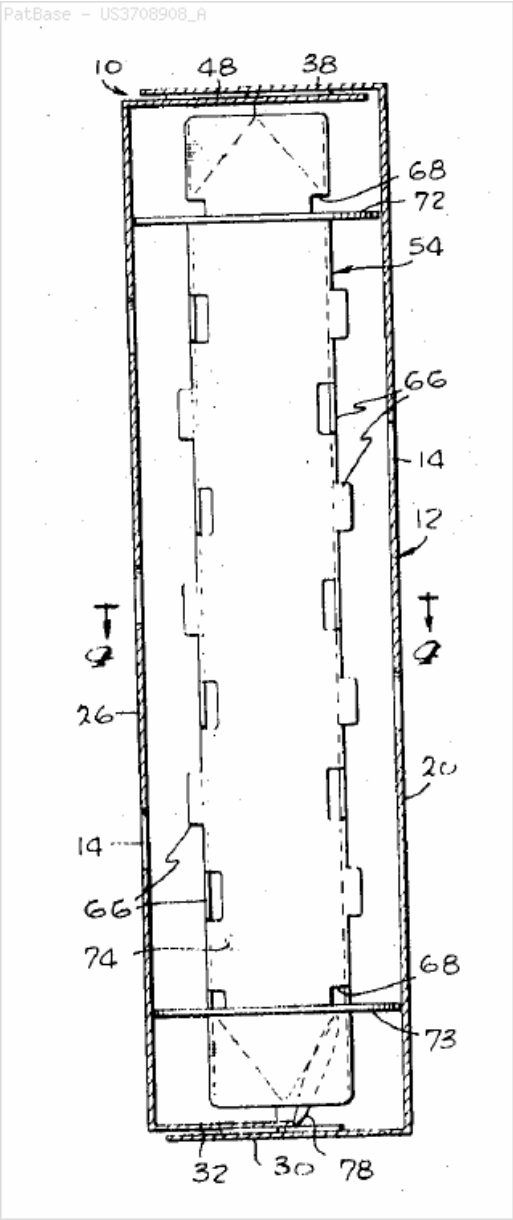
International (IPC 8-9): A01M1/02 A01M1/14 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)

International (IPC 1-7): A01M1/14

CPC: Y10S229/922 A01M1/14 A01M1/02 A01M2200/012

European: A01M1/02 A01M1/02B A01M1/14 K01M200/012 K01M201/02

US: 229/109 229/120 229/183 229/186 229/922 43/11.4 43/114 43/115 43/122



Family:

Publication number	Publication date	Application number	Application date
US3708908 A	19730109	US19700048153	19700622

Priority:

US19700048153 19700622

Probable Assignee:	DAYS EASE HOME PROD CORP
Assignee(s): (std)**:**	DAYS EASE HOME PROD CORP
Assignee(s):	DAYS EASE HOME PROD CORP US
Inventor(s): (std)**:**	LEVEY J
Inventor(s):	LEVEY J US

438) Family number: 21693995 (US3524000A)

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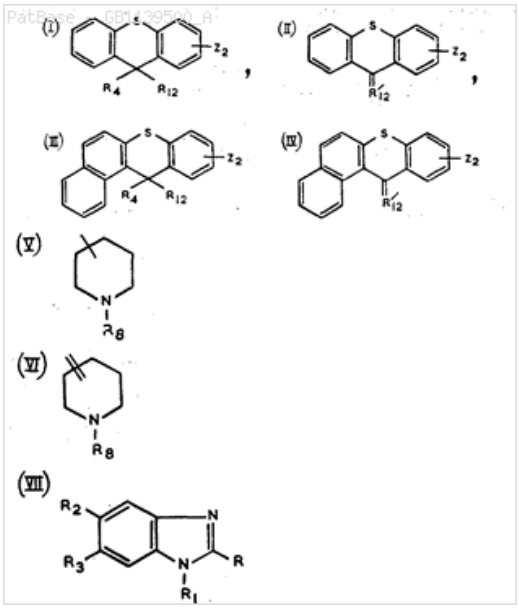
Title: ANTHELMINTIC COMPOSITIONS AND METHOD OF USING SAME

Abstract: ABSTRACT OF THE DISCLOSURE
The anthelmintic activity of 2-substituted benzimida-zoles is greatly enhanced when the benzimidazole is administered to the host animal in the presence of a tricyclic compound selected from the group consisting of dibenzo-cycloheptenes and thioxanthenes. Preferably, the 2-substituted benzimidazoles and the tricyclic compounds are administered together in a single formulation. Enhancement of activity, however, is also obtained when each component is administered as a separate formulation. pounds with the substantial absence of significant toxic effects. Still another object is to provide a method for treating helminthiasis with tricyclic compounds together with anthelmintically active 2-substituted benzimidazoles g wherein the tricyclic compounds enhance the activity of the benzimidazoles. These and other objects will appear from the detailed description which follows. According to the present invention, it has been surprisingly discovered that the anthelmintic activity of 2-sub-jg stituted benzimidazoles can be greatly enhanced when the benzimidazole is administered to the host animal in the presence of certain classes of tricyclic compounds. Thus, in one of its preferred aspects, the invention provides novel 2-component compositions wherein one component 15 is at least one of certain tricyclic compounds and the other component is at least one anthelmintically active 2-substituted benzimidazole. The 2-substituted benzimidazoles contemplated for use in the present invention have the following structural formula: This application is a continuation-in-part of copending application, Ser. No, 439,926, filed Mar. 15, 1965, now abandoned.

Classifications:

International (IPC 8-9): A61K31/415 A61K31/425 A61K31/44

A61K31/445 A61K31/495 A61K31/535 (Advanced/Invention)
International (IPC 1-7): A01N9/22 A61D7/00 A61K27/00 A61K31/415 C07D335/12 C07D417/04
CPC: A61K31/415 A61K31/425 A61K31/44 A61K31/445 A61K31/495 A61K31/535 A61K31/00
European: 124HC1B3D+B3B 124HC2B3B 45L8J3 45L8J43 45L8M20 A61K31/00 A61K31/415 A61K31/425 A61K31/44 A61K31/445 A61K31/495 A61K31/535
US: 424/267 514/238.8 514/239.5 514/252.12 514/325 514/365 514/408 514/654



Family:

Publication number	Publication date	Application number	Application date
GB1127683 A	19680918	GB19660010338	19660309
GB1139500 A	19690108	GB19680012795	19660309
US3524000 A	19700811	US19670006697	19671020

Priority:
US19650439926 19650315 US19670676697 19671020

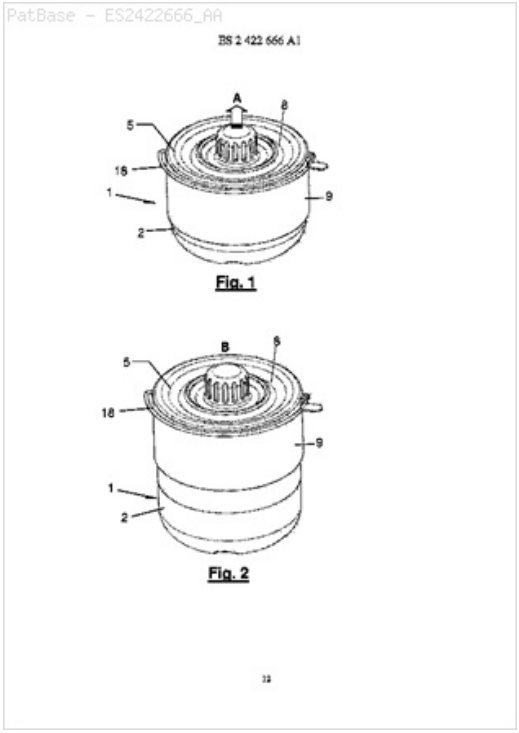
Probable Assignee: MERCK AND CO INC
Assignee(s): (std): MERCK AND CO INC
Inventor(s): (std): NETTA JOSEPH DI ; EGERTON JOHN R ; EGERTON JOHN RICHARD
Inventor(s): JOSEPH DI NETTA ; JOHN R EGERTON

439) Family number: 54739996 (ES2422666B)

Title: Trampa para insectos

Abstract: Source: ES2422666B [ES] Trampa para insectos que comprende un receptiˇ½culo destinado a contener un producto liˇ½quido con propiedades atrayentes para insectos, comprendiendo el receptiˇ½culo un vaso inferior, cuyo fondo estiˇ½ provisto de una proyecciiˇ½n tubular que comunica el exterior con el interior del citado receptiˇ½culo; y una cubierta superior que cierra superiormente el vaso y que estiˇ½ acoplada sobre el citado vaso con capacidad de deslizamiento entre al menos dos posiciones, siendo la primera una posiciiˇ½n en la que la cubierta cierra hermiˇ½ticamente el receptiˇ½culo y la segunda una posiciiˇ½n en la que la cubierta habilita el acceso al receptiˇ½culo a traviˇ½s de la citada proyecciiˇ½n tubular hueca.

Classifications:
International (IPC 8-9): A01M1/10 (Advanced/Invention)
CPC: A01M1/10



Family:

Publication number	Publication date	Application number	Application date
ES2422666 AA	20130912	ES20120030340	20120307
ES2422666 BA	20140701	ES20120030340	20120307

Priority:

ES20120030340 20120307

Probable Assignee: BIOIBERICA

Assignee(s): (std): BIOIBERICA

Assignee(s): BIOIBERICA SA

Inventor(s): (std): DE LA RIVA BALUST MARC ; ESCAICH FERRER JOSEP ; MARIN GARRIDO CANDIDO ; PINOL DASTIS RAFAEL ; SANCHEZ PEREZ RAMON

Inventor(s): CANDIDO MARIN GARRIDO ; RAFAEL PINOL DASTIS ; RAMON SANCHEZ PEREZ ; JOSEP ESCAICH FERRER ; MARC DE LA RIVA BALUST

Agent(s): SUGRANES PEDRO

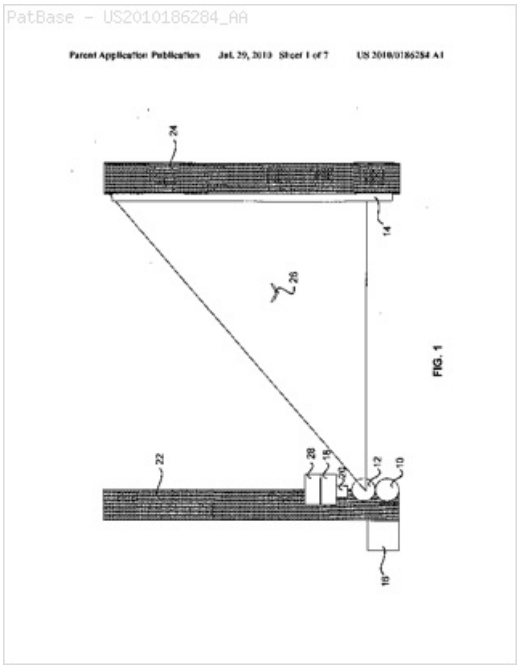
440) Family number: 46181997 (US2010186284A)

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Title: PHOTONIC FENCE

Abstract: A system for tracking airborne organisms includes an imager, a backlight source (such as a retroreflective surface) in view of the imager, and a processor configured to analyze one or more images captured by the processor to identify a biological property of an organism.

Classifications:
International (IPC 8-9): A01M A01M1/00 A01M1/02 A01M1/10 A01M1/22 A01M23/00 G01P3/36 G01S15/00 G06K9/00 G06K9/62 G06T7/20 (Advanced/Invention);
A01M1/00 A01M23/00 G01S15/00 G06K9/62 (Core/Invention)
CPC: A01M1/026 A01M1/226 G06K9/00362 G06K9/00201 G06T7/20 A01M1/106 A01M1/02
European: A01M1/02E A01M1/22D
US: 356/28 356/28.5 367/99 367/99S 382/103 382/103S 43/132.1 43/132.100P 431/321



Family:

Publication number	Publication date	Application number	Application date
AU2015247666 AA	20151022	AU20150247666	20150415
AU2015247666 BB	20180802	AU20150247666	20150415
AU2018253554 AA	20181122	AU20180253554	20181025
CA2946052 AA	20161014	CA20152946052	20150415
CN102340988 A	20120201	CN201080010510	20100115
CN102340988 B	20140226	CN201080010510	20100115
CN106793768 A	20170531	CN201580023177	20150415
EP2387307 A1	20111123	EP20100731942	20100115
EP2387307 A4	20170621	EP20100731942	20100115
EP2387307 B1	20181114	EP20100731942	20100115
EP3131390 A1	20170222	EP20150780641	20150415
EP3131390 A4	20180103	EP20150780641	20150415
HK1236749 A1	20180406	HK20170110684	20171020
US2010186284 AA	20100729	US20100657281	20100115
US2014226860 AA	20140814	US20140255119	20140417
US2018089504 AA	20180329	US20170825247	20171129
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US9946922 BB	20180417	US20140255119	20140417
US10311293 BB	20190604	US20170825247	20171129
WO10083053 A1	20100722	WO2010US00111	20100115
WO15160958 A1	20151022	WO2015US25981	20150415

Priority:

US20090205430P 20090115 US20100657281 20100115 WO2010US00111 20100115
US20140255119 20140417 AU20150247666 20150415 WO2015US25981 20150415
US20170825247 20171129 AU20180253554 20181025

Probable Assignee: TOKITAE LLC

Assignee(s): (std): JOHANSON RIC ; KARE JORDIN T ; HYDE RODERICK A ; MYHRVOLD NATHAN P ; NUGENT THOMAS J JR ; PETERSON NELS R ; WOOD LOWELL L JR ; SEARETE LLC ; NUGENT JR THOMAS J ; WOOD JR LOWELL L ; TOKITAE LLC ; PEGRAM NATHAN JOHN ; PEGRAM NATHAN

Assignee(s): RUTSCHMAN PHILLIP ; NUGENT THOMAS J ; WOOD LOWELL L ; JOHANSON 3RIC ; MAKAGON ARTYOM ; MULLEN EMMA RAE

Inventor(s): (std): HYDE RODERICK A ; JOHANSON 3RIC ; JOHANSON RIC ; KARE JORDIN T ; MAKAGON ARTYOM ; MULLEN EMMA RAE ; MYHRVOLD NATHAN P ; NUGENT JR THOMAS J ; NUGENT THOMAS J JR ; PEGRAM NATHAN JOHN ; PETERSON NELS R ; RIC JOHANSON ; RUTSCHMAN PHILLIP ; WOOD JR LOWELL L ; WOOD LOWELL L JR

Inventor(s): WOOD JR ; NUGENT JR ; WOOD LOWELL L ; NUGENT THOMAS J

Agent(s): SHELSTON IP PTY LTD; BORDEN LADNER GERVAIS LLP; HARRIS IAN RICHARD; D YOUNG AND CO LLP; CHINA PATENT AGENT HK LTD; INVENTION SCIENCE FUND CLARENCE T TEGREENE; DORSEY AND WHITNEY LLP; MALASKA STEPHEN L 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

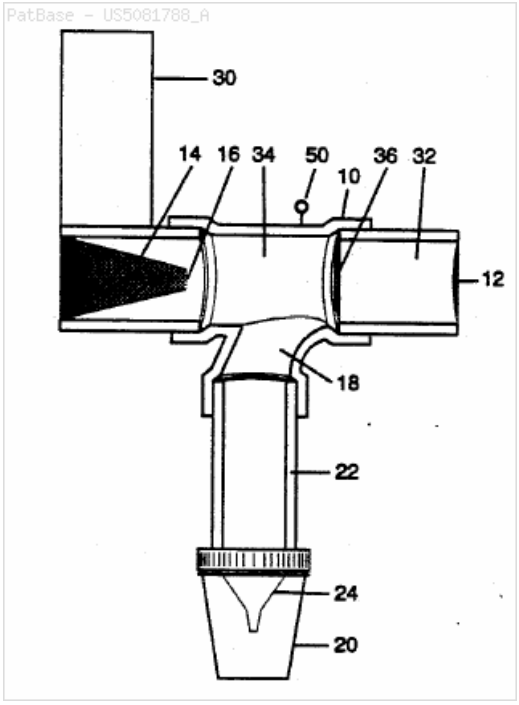
441) Family number: 4904997 (US5081788A)

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Title: Wind-oriented funnel trap

Abstract: An insect trap for attracting and capturing flying insects. The apparatus includes a chamber for holding an insect attractant and exposing the same to a current of air, and having a first opening allowing passage of air but not insects therein. Positioned opposite the first opening, at least one funnel-shaped entrance to the chamber allows entry of the insects into the trap, as well as passage of air currents and entrained attractant odors out of the trap. An insect collection container, optionally having a one-way entrance, is also provided, and communicates with the chamber through a second chamber opening and the one-way entrance. Proper orientation of the trap in the wind is achieved by mounting a wind vane or fins onto the exterior of the chamber so as to position the first opening upwind, and the funnel-shaped entrance to the chamber downwind from the first opening. In the alternative, the wind vane may be omitted and the chamber constructed in the shape of a wedge, tapering toward the first opening, to enable trap orientation in like manner.

Classifications:
International (IPC 8-9): A01M1/02 A01M1/04 A01M1/10 (Advanced/Invention); A01M1/00 A01M1/02 (Core/Invention)
International (IPC 1-7): A01M1/04
CPC: A01M1/02 A01M1/026 A01M1/04 A01M1/106 A01M2200/012
European: A01M1/02 A01M1/02B A01M1/02E A01M1/04 A01M1/10F K01M200/012 K01M201/02
US: 43/107 43/113 43/118 43/122



Family:

Publication number	Publication date	Application number	Application date
US5081788 A	19920121	US19910694534	19910501

Priority:
US19910694534 19910501

Probable Assignee: US AGRICULTURE

Assignee(s): (std): US AGRICULTURE

Assignee(s): SECRETARY OF AGRICULTURE AS US GOV ; SECRETARY OF AGRICULTURE US ; THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF AGRICULTURE

Inventor(s): (std): WICKLOW DONALD T ; DOWD PATRICK F ; BARTELT ROBERT J