

1) Family number: 32759018 (US2006081721A)

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Title: DIFFUSER OF MULTIPLE VOLATILE SUBSTANCES

Abstract: The invention relates to a diffuser of multiple volatile substances (air freshener liquid, odour absorption formulae, bactericide active substances, insecticides, etc.) comprising two or more containers (2, 2') placed with a symmetrical or approximately symmetrical arrangement about a central body (1) to which they are joined by corresponding supports (3, 3') that constitute said central body (1). Each container (2, 2') holding the air freshener liquid or the desired formulation is closed by an active substance diffuser body (4) that also acts as a stopper and prevents dripping. When the device is at rest only one of the containers is diffusing. To change the fragrance, simply turn the device automatically or manually so that the container that was emanating is in the opposite position with respect to the other container, which will then diffuse its active substance, its evaporation being regulated individually or globally.

Classifications:

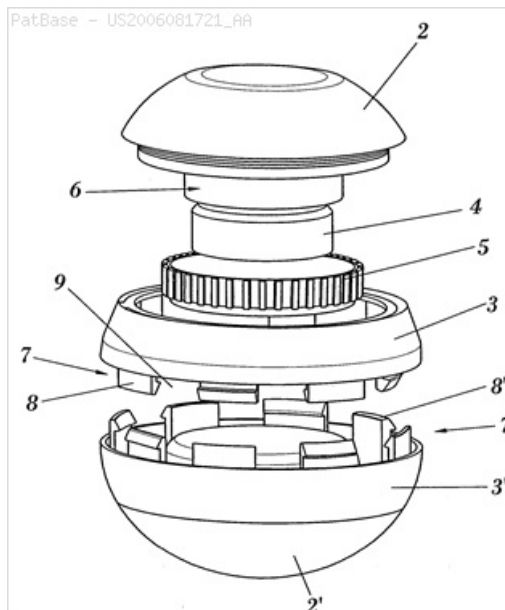
International (IPC 8-9): A01M1/20 A24F25/00 A61L A61L9/00 A61L9/04 A61L9/12 B65D83/00 B65D85/00 F24F6/08 (Advanced/Invention); A24F25/00 A61L9/00 A61L9/04 (Core/Invention); A61L (Subclass/Invention)

International (IPC 1-7): A61L9/12

CPC: A01M1/2044 A61L9/035 A61L9/037 A61L9/127 A61L9/125

European: A01M1/20C2L A61L9/03M A61L9/03W A61L9/12M A61L9/12W

US: 239/135 239/34 239/34P 239/44 239/47 239/47S 239/51.5 239/51.500S 392/395



Family:

Publication number	Publication date	Application number	Application date
AT553786 E	20120515	AT20050786886T	20050802
BRPI0515002 A	20080701	BR2005PI15002	20050802
CA2576201 AA	20070206	CA20052576201	20050802
CA2576201 C	20130108	CA20052576201	20050802
CN101039704 A	20070919	CN200580034811	20050802
CN101039704 B	20100922	CN200580034811	20050802
DE602005033764 D1	20120614	DE200560033764T	20050802
EP1792633 A1	20070606	EP20050786886	20050802
EP1792633 B1	20120418	EP20050786886	20050802
ES2386794 T3	20120830	ES20050786886T	20050802
HK1099237 A1	20121109	HK20070106797	20070626
HK1099237 A1	20070810	HK20070106797	20070626
HK1099237 A3	20070810	HK20070106797	20070626
HK1099237 B	20121109	HK20070106797	20070626
JP2008508973 T2	20080327	JP20070525312T	20050802
JP4633797 B2	20110223	JP20070525312T	20050802
MX2007001814 A1	20070326	MX20070001814	20050802
US2006081721 AA	20060420	US20050073871	20050308
US2006202050 AA	20060914	US20050256077	20051024
US7379662 BB	20080527	US20050256077	20051024
WO06032709 A1	20060330	WO2004ES00376	20040813
WO06042881 A1	20060427	WO2005ES00441	20050802

Priority:

WO2004ES00376 20040813 US20050073871 20050308 EP20050786886 20050802
WO2005ES00441 20050802 US20050256077 20051024

Probable Assignee: ZOBEL ESPANA SA

Assignee(s): (std): CASERTA ANDREA ; MORENO PEREZ DAVID ; MORHAIN CEDRIC ; MUNOZ MARTINEZ JOSE ANTONIO ; ZOBEL ESPANA SA ; ZOBEL ESPANA S A ; ZOBEL ESPA A S A ; ZOBEL ESPANA SA

Assignee(s): ZOBEL ESPA plus or minus A S A

Inventor(s): (std): CASERTA ANDREA ; MORHAIN CEDRIC ; MORENO PEREZ DAVID ; MUNOZ MARTINEZ JOSE ANTONIO ; PEREZ DAVID M ; MUNOZ MARTINEZ JOSE A ; DAVID MUNOZ MARTINEZ JOSE ANTO ; PEREZ DAVID MORENO ; MARTINEZ JOSE ANTONIO MU OZ ; ANDREA CASERTA ; CEDRIC MORHAIN ; ANTONIO MUNOZ MARTINEZ JOSE ; DAVID MORENO PEREZ ; MUOZ MARTINEZ JOSE A

Inventor(s): MUNOZ MARTINEZ JOSE ; PEREZ DAVID ; MORHAIN CEDRIC ARGENTERS 2 4 8 EDIF ; CASERTA ANDREA ARGENTERS 2 4 8 EDIF ; MUNOZ MARTINEZ JOSE A ARGENTERS 2 4 8 EDIF ; MORENO PEREZ DAVID ARGENTERS 2 4 8 EDIF ; JOSE ANTONIO MU plus or minus OZ MARTINEZ ; MUNOZ MARTINEZ JOSE ANTONIO MORHAIN CEDRIC...

Agent(s): FETHERSTONHAUGH AND CO; CARPINTERO LOPEZ FRANCISCO; NTD PATENT AND TRADE MARK AGENCY LTD; MCDERMOTT WILL AND EMERY LLP

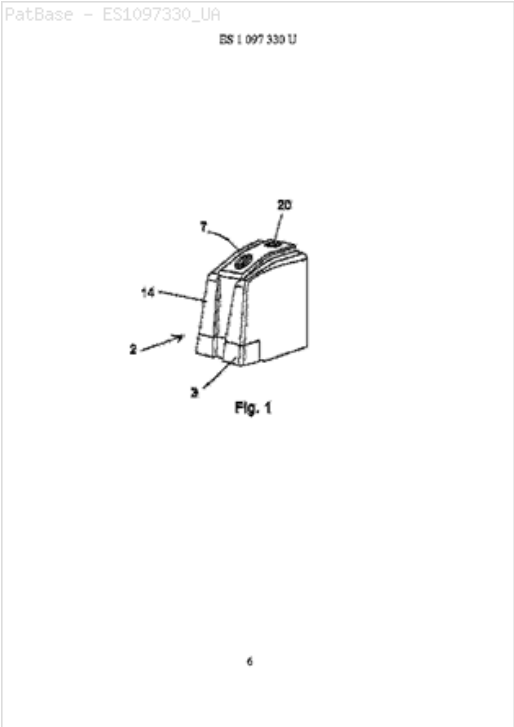
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL 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

2) Family number: 55523062 (ES1097330Y) © PatBase

Title: DISPOSITIVO ANTIGOTEO PARA AMBIENTADOR ELECTRICO

Abstract: Source: ES1097330U [ES] 1. Dispositivo antigoteo para ambientador (2) electrico, siendo el ambientador (2) del tipo que comprenden un deposito (3), preferentemente intercambiable, con liquido perfumante y dotado de un cuello (4) en el que se establece una mecha (5), una resistencia (6) electrica proxima a dicha mecha (5), y difusores (7) de salida de la evaporacion del liquido perfumante producida por el calor aportado a la mecha (5) por la resistencia (6) electrica, pudiendo la resistencia (6) rodear un ala tubular (8) perteneciente a un soporte interior (9) propio el ambientador (2) caracterizado porque comprende, al menos, un empapador (10) de recogida de condensados del liquido perfumante. 2. Dispositivo antigoteo para ambientador (2) electrico segun reivindicacion 1 caracterizado porque el empapador (10) se materializa mediante un cuerpo de esponja. 3. Dispositivo antigoteo para ambientador (2) electrico segun reivindicaciones 1 o 2 caracterizado porque el empapador (10) incorpora un orificio (11) para introduccion del cuello (4). 4. Dispositivo antigoteo para ambientador (2) electrico segun reivindicacion 3 caracterizado porque el empapador (10) adopta la forma de la parte superior del deposito (3) al objeto de colocarse en dicha zona. 5. Dispositivo antigoteo para ambientador (2) electrico segun cualquiera de las reivindicaciones anteriores caracterizado porque el empapador (10) adopta forma susceptible de fijarse en una prolongacion posterior (12) del soporte interior (9) del ambientador (2). **Machine translation:** 1. Drip freshener device (2) electric, with the dresser (2) of the type comprising a tank (3), preferably replaceable, and equipped with perfuming liquid with a neck (4) in which a wick (5) is established, resistance (6) Electrical next to the wick (5) and covers (7) out of the evaporation of liquid perfume produced by the heat supplied to the wick (5) Resistance (6) electric and can resistance (6) encircling an inner member to a support itself freshener (2) which comprises, at least, a swab (10) for condensation of the perfume liquid tubular flange (8) (9). Two. Drip freshener device (2) Electric according to claim 1 characterized in that the swab (10) is implemented by a sponge body. Three. Drip freshener device (2) Electric according claim 1 or 2 characterized in that the swab (10) includes a hole (11) for introduction of the neck (4). April. Drip freshener device (2) according to claim 3 electric characterized in that the swab (10) takes the form of the upper tank (3) in order to be placed in said area. May. Drip freshener device (2) according to any of electric preceding claim characterized in that the swab (10) takes the form attachable to a rear extension (12) of the inner bearing (9) of the dresser (2).

Classifications:
International (IPC 8-9): A61L9/00 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
ES1097330 UA	20140109	ES20130031390U	20131203
ES1097330 Y1	20140811	ES20130031390U	20131203

Priority:
ES20130031390U 20131203

Probable Assignee: ANGARITA DURAN LIZ JOHANNA
Assignee(s): (std): ANGARITA DURAN LIZ JOHANNA
Assignee(s): LIZ JOHANNA ANGARITA DURAN
Inventor(s): (std): ANGARITA DURAN LIZ JOHANNA
Inventor(s): LIZ JOHANNA ANGARITA DURAN

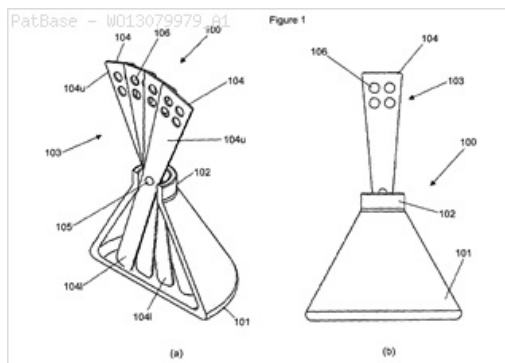
Title: DIFFUSER APPARATUS WITH A VARIABLE SURFACE AREA

Abstract: Diffuser apparatus (100) for delivering a vapour to the ambient environment comprises a reservoir (101) for holding a volatile liquid whereof the vapour is to be delivered by the apparatus (1041), a liquid absorbent diffuser assembly (104u) externally of the reservoir (101), and a wick within the reservoir for delivering liquid therefrom to the diffuser assembly. The diffuser assembly (104u) is adjustably configured such as to have a selectively variable surface area that may be directly exposed to the ambient environment for evaporation of absorbed liquid. Individual absorbent members can be pivotally or hingedly connected together.

Classifications:

International (IPC 8-9): A01M1/20 A61L9/12 (Advanced/Invention)

CPC: A61L9/127 A01M1/2044 A61L2209/134



Family:

Publication number	Publication date	Application number	Application date
EP2785384 A1	20141008	EP20120799259	20121203
GB201120811 A0	20120111	GB20110020811	20111202
WO13079979 A1	20130606	WO2012GB52991	20121203

Priority:

GB20110020811 20111202 WO2012GB52991 20121203

Probable Assignee: MCBRIDE ROBERT LTD

Assignee(s): (std): MCBRIDE ROBERT LTD

Assignee(s): ROBERT MCBRIDE LTD

Inventor(s): (std): CHAPMAN DEAN CHARLES ; LITTEN BROWN COLIN WILLIAM

Agent(s): ATKINSON PETER BIRCH; ATKINSON PETER B

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

Title: DISPENSING OF MULTIPLE VOLATILE SUBSTANCES

Abstract: A method and apparatus for controlling emission of fragrances into a given area such as a room or a region of a yard; and more particularly the creation of a desired atmosphere within the given area. In addition, the invention involves a volatile substance dispensing device (200) having mounted therein a plurality of reservoirs (31) storing a volatile substance, and a plurality of atomizer assemblies (34) for emitting volatile substances communicated thereto by the reservoirs (31). Preferably, a microcontroller (50) controls the emission of the volatile substances in accordance with preferred programs.

Classifications:

International (IPC 8-9): A61L9/03 A61L9/12 A61L9/14 A63H33/40

B05B17/06 H01L27/108 (Advanced/Invention);

A61L9/015 A61L9/12 A61L9/14 A63H33/00 B05B17/04

H01L27/108 (Core/Invention)

International (IPC 1-7): A61L9/12 A61L9/14

CPC: A01M1/2033 A01M1/2038 A01M1/205 A01M1/2077 A61L9/035

A61L9/037 A61L9/122 A61L9/125 A61L9/127 A61L9/14 A61L2209/12

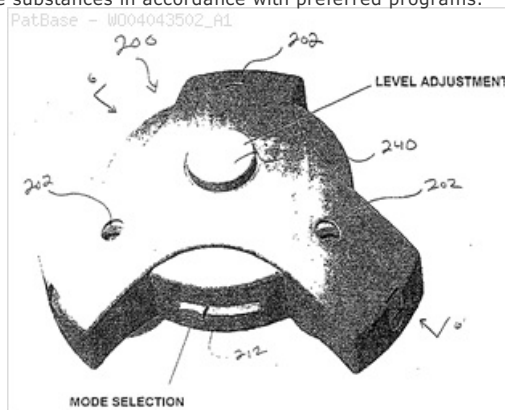
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European: A01M1/20C2F A01M1/20C2H A01M1/20C2L2

A01M1/20C4G A61L9/03M A61L9/03W A61L9/12F A61L9/12M

A61L9/12W A61L9/14 A63H33/40 B05B17/06B5F B05B17/06B7F2

K61L209/120 L05B17/06B99B30B



Family:

Publication number	Publication date	Application number	Application date
AT495763 E	20110215	AT20030768914T	20031110
AU2003291510 AA	20040603	AU20030291510	20031110
AU2003291510 BB	20090528	AU20030291510	20031110
CA2517583 AA	20050830	CA20032517583	20031110
CA2517583 C	20080219	CA20032517583	20031110
DE60335833 D1	20110303	DE20036035833	20031110
EP1631325 A1	20060308	EP20030768914	20031110

EP1631325 B1	20110119	EP20030768914	20031110
WO04043502 A1	20040527	WO2003US36090	20031110

Priority:

US20020425061P 20021108 WO2003US36090 20031110

Probable Assignee: JOHNSON AND SON INC S C

Assignee(s): (std): HELF THOMAS A ; JAWORSKI THOMAS ; JOHNSON AND SON INC S C ; S C JOHNSON ; TOMKINS DAVID A ; WALTER SCOTT D ; SCHRAMM HEATHER R ; MARTENS EDWARD J III ; PORCHIA JOSE

Assignee(s): S C JOHNSON AND SON INC ; SC JOHNSON AND SON INC ; MARTENS EDWARD J

Inventor(s): (std): JAWORSKI THOMAS ; HELF THOMAS A ; PORCHIA JOSE ; SCHRAMM HEATHER R ; TOMKINS DAVID A ; MARTENS EDWARD J III ; WALTER SCOTT D ; MARTENS EDWARD ; TOMKINS DAVID ; SCHRAMM HEATHER ; WALTER SCOTT ; HELF THOMAS ; MARTENS EDWARD J

Inventor(s): MARTENS LLL EDWARD J ; THOMAS JAWORSKI ; THOMAS A HELF ; JOSE PORCHIA ; DAVID A TOMKINS ; SCOTT D WALTER ; HEATHER R SCHRAMM ; EDWARD J ; EDWARD J III MARTENS

Agent(s): SPRUSON AND FERGUSON; BERESKIN AND PARR; RUSCHKE HANS EDVARD

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

5) Family number: 32514092 (US2008279731A)

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Title: DEVICE

Abstract: The invention relates to a device for dispensing a fluid for fragrancng, deodorising or sanitising air. The device having a body (2) comprising a shade (8), a chassis (10) having a base (6), a cartridge housing (26) mounted on the chassis (10) and adapted for housing at least one cartridge (36) containing a fluid to be dispensed, and at least one electrical light source (74). The at least one electrical light source (74) is located on the base (6) between the cartridge housing (26) and a sidewall of the body (2).

Classifications:

International (IPC 8-9): A61L9/015 A61L9/02

A61L9/03 (Advanced/Invention);

A61L9/02 A61L9/03 (Advanced/Non-invention);

A61L9/015 A61L9/03 (Core/Invention);

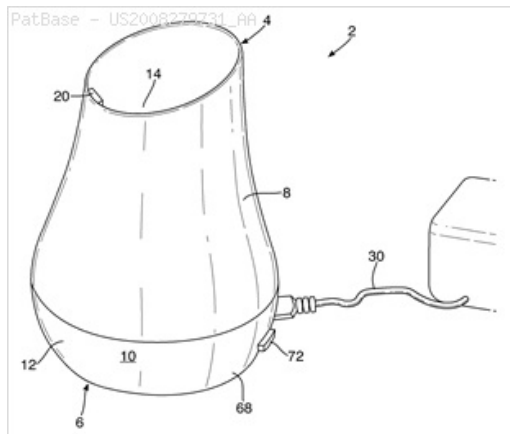
A61L (Subclass/Invention)

International (IPC 1-7): A61L9/00 A61L9/03

CPC: A61L9/037 A61L2209/12

European: A61L9/03W K61L209/120

US: 422/123 422/123S 422/125 422/125P



Family:

Publication number	Publication date	Application number	Application date
AR058491 AA	20080206	AR2006P104604	20061020
AT554796 E	20120515	AT20060794765T	20061016
AU2006303101 AA	20070426	AU20060303101	20061016
AU2006303101 AH	20081218	AU20060303101	20061016
AU2006303101 BB	20120726	AU20060303101	20061016
BRPI0617629 A2	20110802	BR2006PI17629	20061016
CA2626354 AA	20080418	CA20062626354	20061016
DE602006029116 D1	20120621	DE200660029116T	20061016
EP1954326 A2	20080813	EP20060794765	20061016
EP1954326 B1	20120425	EP20060794765	20061016
ES2383200 T3	20120619	ES20060794765T	20061016
GB200521472 A0	20051130	GB20050021472	20051021
JP2009512474 T2	20090326	JP20080536111T	20061016
KR20080067668 A	20080721	KR20087011662	20061016
PL1954326 T3	20120928	PL20060794765T	20061016
TH85321 A	20070628	TH20061005180	20061020
US2008279731 AA	20081113	US20060090555	20061016
WO07045834 A2	20070426	WO2006GB03819	20061016
WO07045834 A3	20080925	WO2006GB03819	20061016
ZA200803520 A	20090930	ZA20080003520	20080422

Priority:

GB20050021472 20051016 GB20050021472 20051021 EP20060794765 20061016

WO2006GB03819 20061016

Probable Assignee: RECKITT BENCKISER GROUP PLC

Assignee(s): (std): GOREHAM PHILIP WILLIAM ; KENNEDY DAVID ; MITED ; NEWTON PAUL ; RECKITT BENCKISER ; RECKITT BENCKISER UK LTD ; UK RECKITT BENCKISER LTD ; RECKITT BENCKISER GROUP PLC

Assignee(s): RECKITT BENCKISER UK SLOUGH LTD ; RECKITT BENCKISER UK LIMITED ; UK RECKITT BENCKISER LIMITED ; RECKITT BENCKISER (UK) LTD ; RECKITT BENCKISER LTD

Inventor(s): (std): KENNEDY DAVID ; NEWTON PAUL ; GOREHAM PHILIP WILLIAM ; GOREHAM PHILIP WILIAM ; DAVID KENNEDY ; PAUL NEWTON ; WILLAM GOREHAM PHILIP ; GOREHAM PHILIP

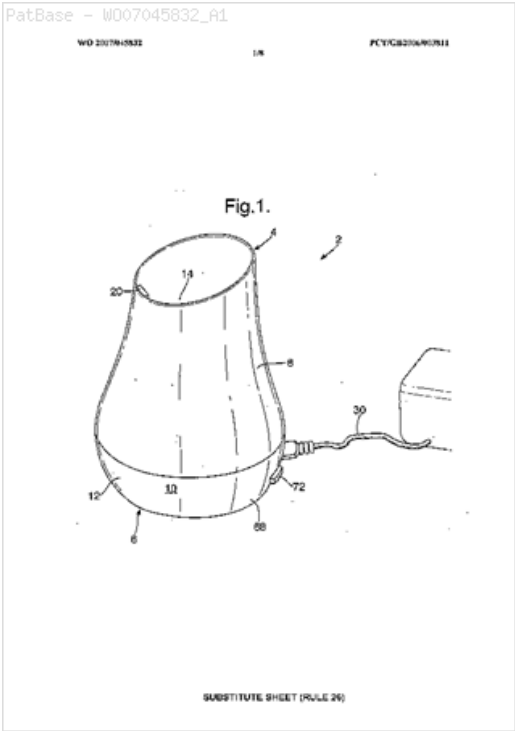
Inventor(s): KENNEDY DAVID MONTVALE ; PHILIP WILLIAM GOREHAM ; GOREHAM PHILIP WILLIAM
Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; FETHERSTONHAUGH AND CO; CARLIN ROBERT GEORGE; NORRIS MCLAUGHLIN AND MARCUS
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR 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 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

6) Family number: 32514094 (WO07045832A1) © PatBase

Title: AIR FRESHENER WITH LIGHTING UNIT

Abstract: The invention provides a device for dispensing a fluid for fragrancng, deodorising or sanitising air. The device has a body (2) for housing at least one cartridge (36) containing a fluid to be dispensed. The body (2) comprises a shade (8), a chassis (10) having a support surface (31), and a plurality of component parts which are adapted to operate the device. The plurality of component parts are located on the chassis (10) of the device. The body (2) is adapted to receive said cartridge (36) through an opening (34) in the support surface (31). The device may further comprise light sources, a rotatable optical filter element. The shade may be replaced by another with different shape and color. The cartridge is located in the device comprising a heated wick for dispensing the scent material.

Classifications:
International (IPC 8-9): A01M1/20 A61L9/02 A61L9/03 A61L9/20 (Advanced/Invention); A01M1/20 A61L9/015 A61L9/18 (Core/Invention)
International (IPC 1-7): A61L9/12
CPC: A61L9/037 A01M1/2077 A61L9/20 A61L2209/12
European: A01M1/20C4G A61L9/03W A61L9/20 K61L209/120



Family:

Publication number	Publication date	Application number	Application date
AR058493 AA	20080206	AR2006P104610	20061020
GB200521474 A0	20051130	GB20050021474	20051021
WO07045832 A1	20070426	WO2006GB03811	20061016

Priority:
GB20050021474 20051021

Probable Assignee: RECKITT BENCKISER GROUP PLC
Assignee(s): (std): GOREHAM PHILIP WILLIAM ; KENNEDY DAVID ; NEWTON PAUL ; RECKITT BENCKISER GROUP PLC ; RECKITT BENCKISER UK LTD
Assignee(s): RECKITT BENCKISER LTD ; RECKITT BENCKISER UK LIMITED
Inventor(s): (std): KENNEDY DAVID ; NEWTON PAUL ; GOREHAM PHILIP WILLIAM ; GOREHAM PHILIP WILIAM
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 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

7) Family number: 34666170 (ES1048880Y) © PatBase

Title: DIFUSOR-AMBIENTADOR DE FUNCION AERODINAMICA.

Abstract: Source: ES1048880U [ES] 1. Difusor-ambientador de funcion aerodinamica, constituido por un numero reducido de sencillas piezas que en conjunto con el deposito alimentador forman un volumen ovoide de base truncada definida por la propia base del alimentador que es un pequeno deposito o frasco que contiene un liquido ambientador que impregna una mecha sumergida que sale del gollete por la que se hace pasar una corriente de aire difusora y que tiene espigones para anclaje en las rejillas de ventilacion de, por ejemplo: un vehiculo y que se caracteriza porque dicho conjunto lo integran un cuerpo posterior (1) que tienen silueta general ovoide, un tambor regulador (2) definido por dos bases circulares con agujeros centrales (18) para girar en correspondiente pivote central del cuerpo (1); una carcasa anterior (3) que cubre la mitad superior del volumen donde aloja la mecha (23) difusora del alimentador (5) y que tiene un relieve frontal (9A)

circular donde se monta una pantalla embellecedora (4) que consta de ranuras circulares (10) para hacer circular el flujo ambientador que sale a traves de estas. **Machine translation:** 1. Air freshener diffuser-aerodynamic function, consisting of a small number of simple pieces that in conjunction with the feeder tank form an ovoid shape of truncated base volume defined by the base of the feeder is a small reservoir or vial containing a liquid air freshener that permeates a wick immersed coming out of the neck through which is passed a stream of air diffuser and having tangs for anchoring in the vents from, for example: a vehicle and characterized in that said set comprise a rear body (1) having general silhouette ovoid, a surge drum (2) defined by two circular bases with central holes (18) to rotate in corresponding central pivot body (1); a housing (3) that covers the upper half of the volume which houses the wick (23) diffusing of the feeder (5) and having a front relief (9A) circular which is mounted a screen trim cover (4) consisting of circular grooves (10) for circulating the air freshener flow exiting through these.

Classifications:

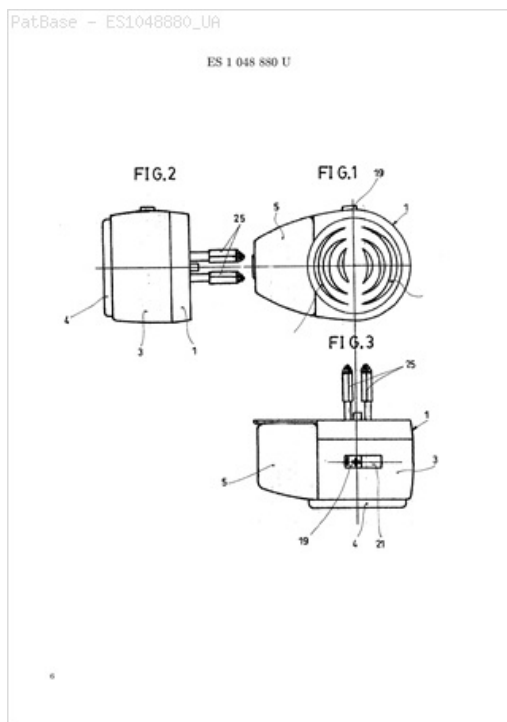
International (IPC 8-9): A61L9/12 (Advanced/Invention);

B60R99/00 (Advanced/Non-invention);

A61L9/12 (Core/Invention);

B60R99/00 (Core/Non-invention)

International (IPC 1-7): A61L9/12 B60R27/00



Family:

Publication number	Publication date	Application number	Application date
ES1048880 UA	20011001	ES20010000890U	20010406
ES1048880 Y1	20020601	ES20010000890U	20010406
ES1048880 YA	20020601	ES20010000890U	20010406

Priority:

ES20010000890U 20010406

Probable Assignee:

LEBO S A

Assignee(s): (std):

LEBO S A

Assignee(s):

LEBO SA

Inventor(s): (std):

PAMPALONA GELONCH JORDI

8) Family number: 3047200 (US5081104A)

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Title: FRAGRANCE DISPENSING COMPOSITION WITH CONTROLLED EVAPORATION RATE AND AIR FRAGRANCE DISPENSER FOR DISPENSING SAME

Abstract: The solubility and evaporation rates of volatile fragrances, such as perfumes, in aqueous media, are improved by 3-methyl-3-methoxy butanol or an ester thereof. Homogeneous and clear aqueous solutions of as much as 20 to 30 percent fragrance can be achieved without incorporation of any surfactant. The aqueous fragrance solutions may be incorporated in wick type air freshener devices, which may be fan assisted.

Classifications:

International (IPC 8-9): A61L9/01 A61L9/02 A61L9/04

A61L9/12 (Advanced/Invention);

A61L9/01 A61L9/015 A61L9/04 A61L9/12 (Core/Invention)

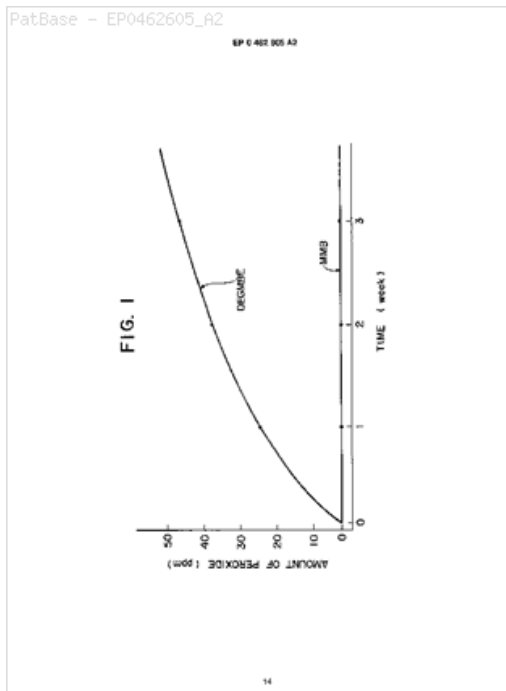
International (IPC 1-7): A61K7/46 A61L9/01 A61L9/04 A61L9/12

CPC: A61L9/01 A61L9/02 A61L9/037 A61L9/04 A61L9/122 A61L9/127

European: A61L9/01 A61L9/02 A61L9/03W A61L9/04 A61L9/12F

A61L9/12W

US: 239/44 424/76.4 512/3

**Family:**

Publication number	Publication date	Application number	Application date
EP0462605 A2	19911227	EP19910110100	19910619
EP0462605 A3	19930310	EP19910110100	19910619
JP4231058 A2	19920819	JP19910173448	19910619
US5081104 A	19920114	US19900541017	19900620

Priority:

US19900541017 19900620

Probable Assignee: KURARAY CO LTD**Assignee(s):** (std): CHIYUUGAI BOUEKI KK ; CHUGAI BOYEKI CO LTD ; KURARAY CO**Assignee(s):** KURARAY CO LTD ; KURARY CO LTD ; KURARY CO ; CHUGAI BOYEKI CORP ; CHUGAI BOYEKI CO**Inventor(s):** (std): ORSON STEVE ; SUCHIIBUN EFU OOSON SHINIA ; ORSON SR STEVEN F**Designated states:** DE FR GB**9) Family number: 32757207 (US2006016904A)**

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Title: ADJUSTABLE NON-ELECTRIC LIQUID AIR FRESHENER DEVICE

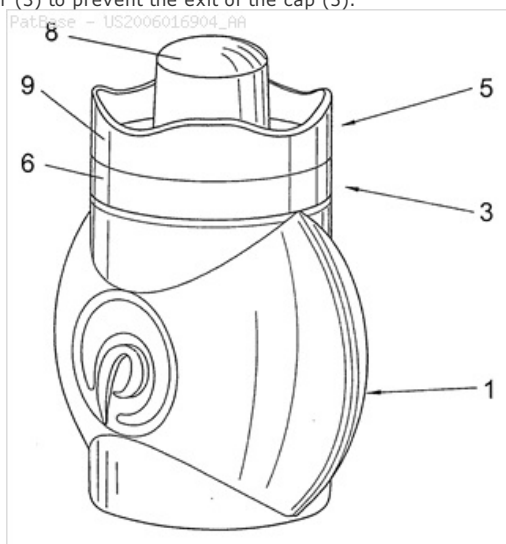
Abstract: Comprises a vessel (1) containing scented liquid, a wick (2) partially submerged in the liquid, a stopper (3) coupled on the mouth (7) of the vessel (1) and a cap (5) that covers the stopper (3) and has a lower tubular portion (11) provided with two windows (15) and an inner threaded segment that unscrews from a central threaded tubular portion (13) of the stopper (3) as the cap (5) is turned, raising it and gradually revealing the windows (15) so that the wick (2) is exposed to the exterior, facilitating the adjustable evaporation of the scented liquid, the cap (5) being provided with flexible stops (16) that are prolonged externally from the base of its lower tubular portion (11) and as they rise meet a trapezoidal inner peripheral flange (17) defined in a cylindrical body (14) of the stopper (3) to prevent the exit of the cap (5).

Classifications:**International (IPC 8-9):** A24F25/00 A61L9/04 A61L9/12 A61P

A61P9/12 (Advanced/Invention);

A24F25/00 A61L9/04 A61L9/12 A61P9/00 (Core/Invention);

A61P (Subclass/Invention)

International (IPC 1-7): A61P9/12**CPC:** A61L9/127**European:** A61L9/12W**US:** 239/34 239/34P 239/44 239/44S 239/47 239/49 239/50 239/51.5 239/55 239/57 239/58 239/58S**Family:**

Publication number	Publication date	Application number	Application date
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AT428469 E	20090515	AT20030730228T	20030612
AU2003240862 AA	20050104	AU20030240862	20030612
BRPI0318351 A	20060725	BR2003PI18351	20030612
DE60327262 D1	20090528	DE20036027262	20030612
EP1640039 A1	20060329	EP20030730228	20030612
EP1640039 B1	20090415	EP20030730228	20030612
ES2325858 T3	20090922	ES20030730228T	20030612
HK1094681 A1	20090925	HK20060110890	20060929
HK1094681 A1	20070404	HK20060110890	20060929
HK1094681 A3	20070404	HK20060110890	20060929
HK1094681 B	20090925	HK20060110890	20060929
PT1640039 T	20090720	PT20030730228T	20030612
US2006016904 AA	20060126	US20050527988	20050321
US7243859 BB	20070717	US20050527988	20050321
WO04110559 A1	20041223	WO2003E500291	20030612

Priority:

WO2003E500291 20030612

Probable Assignee: ZOBELA ESPANA SA

Assignee(s): (std): DBK ESPANA SA ; GARCIA FABREGA RUBEN ; MORENO PEREZ DAVID ; ZOBELA ESPA A S A ; ZOBELA ESPANA S A ; CASERTA ANDREA ; ZOBELA ESPAN A S A ; ZOBELA ESPANA SA

Assignee(s): ZOBELA ESPA plus or minus A S A ; ZOBELA ESPAA S A ; DBK ESPANA S A ; ZOBELA ESPA A S A ; ZOBELA ESPAN A SA

Inventor(s): (std): CASERTA ANDREA ARGENTERS ; DAVID MORENO ; DAVID MORENO P ; RUBEN GARCIA F ; ANDREA CASERTA ; RUBEN GARCIA FABREGA ; DAVID MORENO PEREZ ; PEREZ DAVID MORENO ; FABREGA RUBEN GARCIA ; CASERTA ANDREA ; GARCIA FABREGA RUBEN ; MORENO PEREZ DAVID

Inventor(s): RUBEN GARCIA

Agent(s): CARPINTERO LOPEZ FRANCISCO ET AL; WILLIAMS DAVIS HILL AND CO; MCDERMOTT WILL AND EMERY 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 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

10) Family number: 32478220 (US2008217426A)

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Title: VOLATILE LIQUID DISSEMINATION APPARATUS

Abstract: An apparatus adapted to disseminate a volatile liquid, such as a fragrance, into an atmosphere in which its presence in vapour form is desired, the apparatus comprising a reservoir (1) of volatile liquid (2) and a porous wick that extends from the liquid in the reservoir to the atmosphere where it provides an evaporating surface, the wick being formed in at least two parts, at least one of which parts is in contact with the liquid and which comprises substantially no evaporating surface (3), and at least one other of which parts forms an evaporating surface (8,9), the parts being integral in the apparatus and that part comprising the evaporating surface being adapted to be movable either into liquid transfer contact or into non-liquid transfer separation with that part in contact with the liquid. The apparatus is simple, rugged, effective, cheap to make and easy to use. It is especially useful as an air freshener in motor vehicles.

Classifications:

International (IPC 8-9): A01M1/20 A61L9/04 A61L9/12
B60H3/00 (Advanced/Invention);
A01M1/20 A61L9/04 A61L9/12 B60H3/00 (Core/Invention)

International (IPC 1-7): A61L9/12

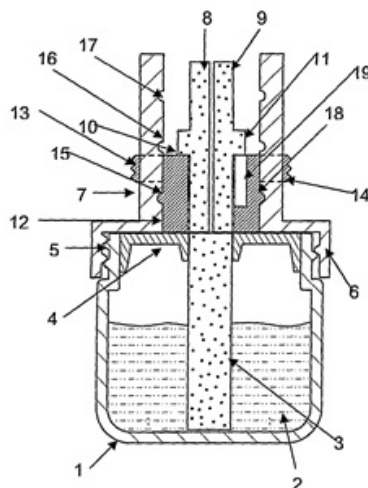
CPC: A01M1/2044 A61L9/04 A61L9/127 B60H3/0007 B60H3/0028

European: A01M1/20C2L A61L9/04 A61L9/12W B60H3/00B1B

L60H3/00B

US: 239/45

PatBase - US2008217426_AA



Family:

Publication number	Publication date	Application number	Application date
CN10127723 A	20081001	CN200680036249	20060926
EP1928510 A2	20080611	EP20060790912	20060926
GB200519753 A0	20051109	GB20050019753	20050929
IN01555CN2008 A	20081128	IN2008CN01555	20080328
US2008217426 AA	20080911	US20060088561	20060926
WO07036062 A2	20070405	WO2006CH00519	20060926
WO07036062 A3	20070518	WO2006CH00519	20060926

Priority:

GB20050019753 20050929 WO2006CH00519 20060926

Probable Assignee: GIVAUDAN SA

Assignee(s): (std): BROWN COLIN ; GIVAUDAN SA ; GOHIL KISHEN ; NAISH GUY EDWARD

Inventor(s): (std): BROWN COLIN ; NAISH GUY EDWARD ; GOHIL KISHEN

Inventor(s): NAISH GUY

Agent(s): MCSTEAN JOHN ANTHONY; NORRIS MCLAUGHLIN AND MARCUS

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 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