

Title (en)
APPARATUS FOR DISPERSING VOLATILE MATERIALS INTO THE ENVIRONMENT

Title (de)
VORRICHTUNG ZUM DISPERGIEREN FLÜCHTIGER MATERIALIEN IN DIE UMGEBUNG

Title (fr)
APPAREIL DE DISPERSION DE MATIERES VOLATILES DANS L'ENVIRONNEMENT

Publication
EP 1675657 A4 20110330 (EN)

Application
EP 04753744 A 20040528

Priority

- US 2004016980 W 20040528
- US 44991803 A 20030529
- US 53432904 P 20040105

Abstract (en)
[origin: WO2004105878A1] The present invention is a device for playing a cartridge (42) for dispersing scented materials into a room. The cartridge (42) generally has a plurality of scent elements supported on a rotatable disk. The device includes a housing (1,2), a blower assembly (70), a platter (19), a motor (35A), first and second sensors (52,53) and a control unit (73). The housing (1,2) has a cavity (47) for receiving the cartridge and is formed with an air intake (50) and an exhaust port (51). The blower assembly (70) is mounted within the housing (1,2) for generating an airflow by drawing air in through the air intake (50) over the cavity (47) to diffuse at least one of the plurality of scent elements out through the exhaust port (51). The platter (19) is configured to engage the rotatable disk and is rotated by the motor (35A). The platter (19), first and second sensors (52,53) and a control unit (73) cooperate to control the rotation of the disk. The device can also include a heating element (45) for activating the scent elements.

IPC 8 full level
A62B 7/08 (2006.01); **A61L 9/03** (2006.01); **A61L 9/12** (2006.01)

CPC (source: EP)
A61L 9/035 (2013.01); **A61L 9/122** (2013.01); **A61L 9/125** (2013.01)

Citation (search report)

- [X] WO 0015269 A1 20000323 - AROMIX TECHNOLOGIES LTD [IL], et al
- [A] EP 0546214 A1 19930616 - PAI WEN CHUNG [TW]
- [A] US 2002068010 A1 20020606 - LAUDAMIEL-PELLET CHRISTOPHE [US], et al
- See references of WO 2004105878A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004105878 A1 20041209; AU 2004242976 A1 20041209; CA 2546615 A1 20041209; EP 1675657 A1 20060705; EP 1675657 A4 20110330; TW 200514587 A 20050501; TW I274592 B 20070301

DOCDB simple family (application)
US 2004016980 W 20040528; AU 2004242976 A 20040528; CA 2546615 A 20040528; EP 04753744 A 20040528; TW 93115309 A 20040528