

Title (en)

Improved liquid suction and exhaust device and apparatus for dispersing liquid comprising such a device

Title (de)

Verbesserte Vorrichtung zum Ansaugen und Ausgeben einer Flüssigkeit und Flüssigkeitsverteilungsgerät mit einer solchen Vorrichtung

Title (fr)

Dispositif perfectionné d'aspiration et de refoulement d'un fluide, appareil pour disperser un liquide comprenant un tel dispositif

Publication

EP 0634223 B1 19980121 (FR)

Application

EP 94401481 A 19940629

Priority

FR 9308628 A 19930713

Abstract (en)

[origin: EP0634223A1] This is a device (9) for pumping a fluid, comprising a piston (206) which can move in a metering chamber (208), this piston being driven by a motor, via coupling means which include a rotary head (236) provided with a guide path (238) at least locally oblique with respect to the axis of the device, as well as a driving component (240) which is connected to the piston and which moves along the guide path, causing the reciprocating movement of the piston. The invention also relates to an apparatus for spraying a liquid, comprising the said gas-distributing device. Application to the spraying of an air-freshening fragrance. <IMAGE>

IPC 1-7

B05B 7/00; **B05B 12/02**; **F04B 9/04**; **F04B 43/02**

IPC 8 full level

F04B 49/00 (2006.01); **A61L 9/14** (2006.01); **B05B 7/00** (2006.01); **B05B 12/02** (2006.01); **F04B 7/00** (2006.01); **F04B 9/04** (2006.01); **F04B 43/02** (2006.01); **F04B 45/04** (2006.01)

CPC (source: EP US)

B05B 7/0012 (2013.01 - EP); **B05B 12/02** (2013.01 - EP); **F04B 9/04** (2013.01 - EP US); **F04B 43/02** (2013.01 - EP US)

Cited by

EP0830902A3; EP0938933A3; US5784087A; EP0741038A3; WO2020081216A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0634223 A1 19950118; **EP 0634223 B1 19980121**; AT E162431 T1 19980215; DE 69408049 D1 19980226; DE 69408049 T2 19980813; ES 2114667 T3 19980601; FR 2707529 A1 19950120; FR 2707529 B1 19950901; JP 2575336 B2 19970122; JP H07151054 A 19950613

DOCDB simple family (application)

EP 94401481 A 19940629; AT 94401481 T 19940629; DE 69408049 T 19940629; ES 94401481 T 19940629; FR 9308628 A 19930713; JP 18309094 A 19940713