

Title (en)

FLUID PRODUCT DISPENSING MEMBER AND DISPENSER COMPRISING ONE SUCH MEMBER

Title (de)

FLUIDPRODUKTABGABEGLIED UND SOLCH EIN GLIED UMFASSENDE SPENDER

Title (fr)

ORGANE DE DISTRIBUTION DE PRODUIT FLUIDE ET DISTRIBUTEUR COMPRENANT UN TEL ORGANE

Publication

EP 1703990 A1 20060927 (FR)

Application

EP 04816572 A 20041217

Priority

- FR 2004050719 W 20041217
- FR 0315041 A 20031219

Abstract (en)

[origin: FR2864040A1] The unit has an actuating unit (15) coupled to an actuating shaft (13) which is moveable in the body (10) that defines an inlet pipe (11). A fixation unit (17) is provided for fixing the body in an opening (20) of a container (2) that contains a fluid product. An identification unit (3) is placed in a space defined between the body and the fixation unit and delivers information related to the spraying unit. An independent claim is also included for a fluid product sprayer comprising a spraying unit.

IPC 8 full level

B05B 11/00 (2006.01); **B05B 15/00** (2006.01); **B65D 47/34** (2006.01); **B65D 83/14** (2006.01); **H01Q 1/27** (2006.01)

CPC (source: EP US)

B05B 11/0005 (2013.01 - EP US); **B05B 15/00** (2013.01 - EP US); **B65D 83/75** (2013.01 - EP US); **B65D 2203/10** (2013.01 - EP US)

Citation (search report)

See references of WO 2005061121A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

FR 2864040 A1 20050624; **FR 2864040 B1 20060331**; BR PI0417553 A 20070327; CN 100469459 C 20090318; CN 1898028 A 20070117; DE 602004019691 D1 20090409; EP 1703990 A1 20060927; EP 1703990 B1 20090225; ES 2320460 T3 20090522; JP 2007534462 A 20071129; US 2007188329 A1 20070816; WO 2005061121 A1 20050707

DOCDB simple family (application)

FR 0315041 A 20031219; BR PI0417553 A 20041217; CN 200480038129 A 20041217; DE 602004019691 T 20041217; EP 04816572 A 20041217; ES 04816572 T 20041217; FR 2004050719 W 20041217; JP 2006544529 A 20041217; US 58325504 A 20041217