

Title (en)
FLUID PRODUCT DISPENSER

Title (de)
FLUIDPRODUKTSPENDER

Title (fr)
DISTRIBUTEUR DE PRODUIT FLUIDE

Publication
EP 1703985 A1 20060927 (FR)

Application
EP 04816582 A 20041220

Priority
• FR 2004050733 W 20041220
• FR 0315191 A 20031222

Abstract (en)
[origin: FR2864044A1] The unit has a distribution head (3) axially moved with respect to the body associated to a container (8). The head has an actuator (4) with a lateral wall extending from a support wall. A chamber (6), defined between the body and the head, has inlet and outlet valves (230, 70, 51, 71). A distribution orifice (42) distributes fluid product. The actuator has an axial shaft (7) to cooperate the outlet valves with an insert (5) of the head. An independent claim is also included for a liquid product distributor having a container and a fluid product distribution unit.

IPC 8 full level
B05B 1/34 (2006.01); **B05B 11/00** (2006.01)

CPC (source: EP)
B05B 1/3436 (2013.01); **B05B 11/1001** (2023.01); **B05B 11/107** (2023.01)

Citation (search report)
See references of WO 2005063401A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
FR 2864044 A1 20050624; FR 2864044 B1 20061201; BR PI0417975 A 20070417; CN 1898026 A 20070117; DE 602004008340 D1 20070927; DE 602004008340 T2 20080508; EP 1703985 A1 20060927; EP 1703985 B1 20070815; ES 2291977 T3 20080301; JP 2007515287 A 20070614; WO 2005063401 A1 20050714

DOCDB simple family (application)
FR 0315191 A 20031222; BR PI0417975 A 20041220; CN 200480038538 A 20041220; DE 602004008340 T 20041220; EP 04816582 A 20041220; ES 04816582 T 20041220; FR 2004050733 W 20041220; JP 2006546281 A 20041220