

Title (en)
FLUID PRODUCT DISPENSING MEMBER

Title (de)
FLUIDPRODUKT-ABGABEGLIED

Title (fr)
ORGANE DE DISTRIBUTION DE PRODUIT FLUIDE

Publication
EP 1706213 A1 20061004 (FR)

Application
EP 04817622 A 20041220

Priority
• FR 2004050727 W 20041220
• FR 0315192 A 20031222

Abstract (en)
[origin: FR2864045A1] The device has a body (10), a piston (133) in tight sliding contact with a main sleeve (242) to vary the volume of a chamber (1). A pusher (20) is actuated to generate a relative movement between the piston and sleeve. A differential piston is in tight sliding contact in the pusher to unblock an outlet of the chamber. A hooking unit (39) is in contact with a retention unit (28) to permit an axial displacement of the differential piston.

IPC 8 full level
B05B 11/00 (2006.01)

CPC (source: EP)
B05B 11/1004 (2023.01); **B05B 11/104** (2023.01); **B05B 11/1074** (2023.01); **B05B 11/1077** (2023.01); **B05B 11/107** (2023.01)

Citation (search report)
See references of WO 2005063404A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
FR 2864045 A1 20050624; FR 2864045 B1 20060331; BR PI0417925 A 20070417; CN 1898029 A 20070117; CN 1898030 A 20070117; CN 1905948 A 20070131; EP 1706213 A1 20061004; ES 2349593 T3 20110105; JP 2007515285 A 20070614; WO 2005063404 A1 20050714

DOCDB simple family (application)
FR 0315192 A 20031222; BR PI0417925 A 20041220; CN 200480038137 A 20041220; CN 200480038401 A 20040514; CN 200480040753 A 20040514; EP 04817622 A 20041220; ES 04742737 T 20040514; FR 2004050727 W 20041220; JP 2006546277 A 20041220