

Title (en)  
FLUID PRODUCT DISPENSING PUMP

Title (de)  
FLUIDPRODUKTABGABEPUMPE

Title (fr)  
POMPE DE DISTRIBUTION DE PRODUIT FLUIDE

Publication  
**EP 2004333 B1 20130703 (FR)**

Application  
**EP 07731781 A 20070320**

Priority  
• FR 2007050966 W 20070320  
• FR 0650995 A 20060322

Abstract (en)  
[origin: WO2007107672A1] The invention concerns a fluid product dispensing pump comprising a pump body (10), a pump chamber (20), at least one first plunger (72) sliding in said pump chamber (20) between an inactive position and an actuated position for dispensing the fluid product, and a dispensing orifice (45), said pump chamber comprising an input valve (70) separating the pump chamber (20) from a channel (18) extending towards a fluid product reservoir (60), a bypass passage (74) being provided between said channel (18) and said pump chamber (20), said bypass passage (74) being arranged upstream of said input valve (70), said bypass passage connecting the pump chamber (20) to the reservoir (60) when the plunger (72) is in actuated position.

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

CPC (source: EP US)  
**B05B 11/1004** (2023.01 - EP US); **B05B 11/1016** (2023.01 - EP US); **B05B 11/1063** (2023.01 - EP US)

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**FR 2898818 A1 20070928; FR 2898818 B1 20080822**; CN 101443128 A 20090527; CN 101443128 B 20110907; EP 2004333 A1 20081224; EP 2004333 B1 20130703; JP 2009530095 A 20090827; JP 5260490 B2 20130814; US 2009255959 A1 20091015; US 7780042 B2 20100824; WO 2007107672 A1 20070927

DOCDB simple family (application)  
**FR 0650995 A 20060322**; CN 200780016922 A 20070320; EP 07731781 A 20070320; FR 2007050966 W 20070320; JP 2009500897 A 20070320; US 29347807 A 20070320