

Title (en)

PUMP FOR DISTRIBUTING LIQUID PRODUCT AND DISPENSER COMPRISING SUCH A PUMP

Title (de)

PUMPE ZUR VERTEILUNG EINES FLÜSSIGPRODUKTS UND SPENDER MIT EINER SOLCHEN PUMPE

Title (fr)

POMPE DE DISTRIBUTION DE PRODUIT FLUIDE ET DISTRIBUTEUR COMPORTANT UNE TELLE POMPE

Publication

EP 2139605 A1 20100106 (FR)

Application

EP 08775703 A 20080310

Priority

- FR 2008050401 W 20080310
- FR 0753766 A 20070312

Abstract (en)

[origin: WO2008129187A1] Fluid product dispensing pump (10), comprising a pump body (11), a piston (20) sliding sealingly in said pump body (11) between an inactive position and an actuating position, said piston (20) being connected to an actuating rod (30) axially extending out of the said pump body (11), a ferrule (40) defining the inactive position of the said piston (20), said ferrule (40) sealingly connected to the actuating rod (30) when the actuating rod (30) moves from the inactive position and an intermediary position, and said ferrule (40) sealingly connected with the actuating rod (30) when the actuating rod (30) moves between the said intermediary position and the actuating position, so as to allow air venting of the pump (10).

IPC 8 full level

B05B 11/00 (2006.01)

CPC (source: EP US)

B05B 11/0044 (2018.07 - EP US); **B05B 11/105** (2023.01 - EP US); **B05B 11/1018** (2023.01 - EP US)

Citation (search report)

See references of WO 2008129187A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 2008129187 A1 20081030; CN 101631624 A 20100120; CN 101631624 B 20130327; DE 602008001978 D1 20100909; EP 2139605 A1 20100106; EP 2139605 B1 20100728; FR 2913731 A1 20080919; FR 2913731 B1 20130809; JP 2010521283 A 20100624; JP 5216786 B2 20130619; US 2010038383 A1 20100218; US 8292130 B2 20121023

DOCDB simple family (application)

FR 2008050401 W 20080310; CN 200880008074 A 20080310; DE 602008001978 T 20080310; EP 08775703 A 20080310; FR 0753766 A 20070312; JP 2009553187 A 20080310; US 53068908 A 20080310