

Title (en)

Pump for dispensing a liquid product

Title (de)

Pumpe zum Verteilen eines flüssigen Produkts

Title (fr)

Pompe pour distribuer un produit fluide

Publication

**EP 1930085 B1 20190116 (FR)**

Application

**EP 07120627 A 20071114**

Priority

FR 0610044 A 20061116

Abstract (en)

[origin: EP1930085A2] The pump has a tubular body (1) extending along a central axis between a pair of ends (3, 4). An inlet valve selectively closes off an inlet orifice (6). A stem (20) moves axially inside the body between a far position and a near position relative to the inlet orifice. An annular piston (25) slides axially inside the body and on the stem. The piston and a base (30) comprise annular surfaces for providing mutual contact and forming a discharge valve (33) for selectively closing off the discharge orifice. A ball-and-socket joint is arranged between an insert (22) and an actuation tube (21).

IPC 8 full level

**B05B 11/00** (2006.01); **F04B 33/00** (2006.01); **B05B 7/00** (2006.01)

CPC (source: EP US)

**B05B 11/1023** (2023.01 - EP US)

Cited by

WO2011036217A1; WO2011036218A1; CN105275765A; ITMI20091648A1; US8631976B2

Designated contracting state (EPC)

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**EP 1930085 A2 20080611**; **EP 1930085 A3 20131023**; **EP 1930085 B1 20190116**; ES 2711333 T3 20190503; FR 2908843 A1 20080523; FR 2908843 B1 20090227; US 2008118368 A1 20080522; US 7954674 B2 20110607

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