

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 A3 20131023 (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)

Citation (search report)

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 07120627 A 20071114**; ES 07120627 T 20071114; FR 0610044 A 20061116; US 94054807 A 20071115