

Title (en)

Pump for dispensing a dose of a liquid product and range including such pumps

Title (de)

Pumpe zur Ausgabe einer Dosis eines flüssigen Produkts und Sortiment, das solche Pumpen umfasst

Title (fr)

Pompe pour distribuer une dose de produit fluide et gamme comprenant de telles pompes

Publication

EP 1949973 B1 20150211 (FR)

Application

EP 07122890 A 20071211

Priority

FR 0700462 A 20070123

Abstract (en)

[origin: EP1949973A1] The pump has a tubular body (1) extending along a central axis (A) between a lower end (3) and an upper end (4) of the body. An end member (14) has a central opening associated with the upper end of the body. A dosage chamber (2) is formed between an inlet orifice (6) and an exhaust orifice, and is delimited by the body and a compression unit. An inlet valve and an exhaust valve (33) selectively close the inlet orifice and the exhaust orifice, respectively. The compression unit is stopped against a limit stop i.e. shoulder (39), of the end member in stroke end position.

IPC 8 full level

B05B 11/00 (2006.01)

CPC (source: EP US)

B05B 11/1007 (2023.01 - EP US); **B05B 11/1008** (2023.01 - EP US); **B05B 11/1023** (2023.01 - EP); **B05B 11/1025** (2023.01 - EP US); **B05B 11/1074** (2023.01 - EP US)

Cited by

WO2011036218A1; CN109789431A; ITMI20091648A1; US10512926B2; WO2018024657A3; WO2011036217A1; US8631976B2

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