

Title (en)
MANUALLY-ACTUATED METERING PUMP

Title (de)
MANUELL BETÄTIGTE DOSIERPUMPE

Title (fr)
POMPE DOSEUSE A ACTIONNEMENT MANUEL

Publication
EP 1572375 B1 20060621 (FR)

Application
EP 03813191 A 20031115

Priority
• FR 0303725 W 20031115
• FR 0215854 A 20021213

Abstract (en)
[origin: FR2848618A1] The pump (1) has a suction valve (7) and an expulsion valve (8) at input and output of the pump, respectively. A metering chamber (6) is slidingly mounted on the suction valve and fixed on a hollow tube (13) communicating with an interior of a flask (2). The expulsion valve is mounted at an end of a nozzle tip at the output to constitute an extreme closing. A cylindrical ring limits movement of a valve lifter. An Independent claim is also included for a device for conditioning and distributing fluid products.

IPC 8 full level
B05B 11/00 (2006.01)

CPC (source: EP KR US)
B05B 11/00442 (2018.08 - EP US); **B05B 11/00444** (2018.08 - EP US); **B05B 11/00446** (2018.08 - EP US); **B05B 11/0072** (2013.01 - EP US); **B05B 11/02** (2013.01 - KR); **B05B 11/1004** (2023.01 - EP US); **B05B 11/1074** (2023.01 - EP US); **F04B 9/14** (2013.01 - KR); **B05B 11/0039** (2018.08 - US); **B05B 11/0044** (2018.08 - EP US); **B05B 11/026** (2023.01 - EP US)

Cited by
FR3106054A1; WO2021144293A1; FR3104554A1; WO2021122852A1; FR3112333A1; WO2022013156A1

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

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