

Title (en)
DISPENSING PUMP

Title (de)
SPENDERPUMPE

Title (fr)
POMPE DISTRIBUTRICE

Publication
EP 1379336 B1 20041222 (EN)

Application
EP 02722545 A 20020409

Priority
• EP 02722545 A 20020409
• EP 01830249 A 20010410
• IB 0201134 W 20020409

Abstract (en)
[origin: EP1249278A1] The dispensing pump (1) comprises a hollow body (3) defining a suction and compression chamber (4) for fluid (F) to be delivered, communicating with the inner room of container (C) through a suction duct (4a). A first tight piston (5) is slidingly coupled to the hollow body and is slidingly and coaxially coupled to an end (6) of a second piston (7), internally provided a tubular chamber (8). Passage of fluid through a hole (13) is intercepted through a first shaped rim belonging to the first piston and sealingly coupled according to the mutual position of the two pistons with a corresponding second shaped rim of the second piston. There are at least two discreet annular sealing zones between the two rims.

IPC 1-7
B05B 1/00

IPC 8 full level
B05B 1/00 (2006.01); **B05B 11/00** (2006.01)

CPC (source: EP)
B05B 11/1023 (2023.01); **B05B 11/1077** (2023.01)

Cited by
WO2014181217A2; WO2014181218A2

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EP 1249278 A1 20021016; AU 2002253430 A1 20021028; DE 60202359 D1 20050127; DE 60202359 T2 20060119; EP 1379336 A2 20040114; EP 1379336 B1 20041222; ES 2235032 T3 20050701; WO 02083318 A2 20021024; WO 02083318 A3 20021212

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