

Title (en)
Manually actuated pump

Title (de)
Handbetätigte Pumpe

Title (fr)
Pompe à main

Publication
EP 0806249 A3 19980812 (DE)

Application
EP 97107573 A 19970507

Priority
DE 19618711 A 19960509

Abstract (en)
[origin: EP0806249A2] The hand pump consists of a casing (30) with a cylinder (34), a fixing device (40, 44), a suction tube (78) and a first one-way valve (80) between the suction tube and the cylinder. A piston (120), a pump shaft (50) with through channel (54), and a dispensing head (60) are also present. The piston has a pre-tensioning spring. There is a second one-way valve (140) between the cylinder and the shaft channel. The dispensing head has a sealing cap (65). To form a permanent covering region, the cap overlaps and seals a projecting end (73) of the cylinder liner (7) in each position of the pump shaft.

IPC 1-7
B05B 11/00

IPC 8 full level
B05B 11/00 (2006.01); **B65D 47/34** (2006.01)

CPC (source: EP)
B05B 11/1023 (2023.01); **B05B 11/1059** (2023.01); **B05B 11/106** (2023.01)

Citation (search report)

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- [Y] US 4728009 A 19880301 - SCHMIDT KARL-HEINZ [DE]
- [A] US 4503996 A 19850312 - SORM MILOSLAV [CS], et al
- [A] US 4050613 A 19770927 - CORSETTE DOUGLAS F
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