

Publication

EP 0747131 A3 19961227

Application

EP 96401227 A 19960607

Priority

FR 9506762 A 19950608

Abstract (en)

[origin: EP0747131A2] The atomiser/dispenser pump consists of a pump housing (3) attached to the neck (2) of the liq. container (1), a hollow piston rod (8) which projects from the housing, and a cylindrical cap (18) with a lever-type actuator (20) connected to the upper end of the rod. The hollow rod is flexible for a part of its length from its free end (8a), and its wall thickness reduces towards the free end. The end of the rod engages with a bush (25) on the inside of the actuator which is shorter than the projecting portion of the rod, and the thickness of the bush is greater than that of the hollow rod wall at its free end. The piston and hollow rod are made from a material, esp. low-density polyethylene, which is less rigid than the material of the cap and actuator, which is esp. polypropylene or high-density polyethylene.

IPC 1-7

B05B 11/00

IPC 8 full level

B05B 11/00 (2006.01)

CPC (source: EP US)

B05B 11/1011 (2023.01 - EP US); **B05B 11/1056** (2023.01 - EP US); **B05B 11/0062** (2013.01 - EP US); **B05B 11/1016** (2023.01 - EP US)

Citation (search report)

[DA] FR 2682937 A3 19930430

Cited by

EP0928750A1; FR2767799A1; EP0905052A1; FR2768409A1

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EP 0747131 A2 19961211; **EP 0747131 A3 19961227**; **EP 0747131 B1 20010425**; DE 69612587 D1 20010531; DE 69612587 T2 20020529; ES 2157411 T3 20010816; FR 2735188 A1 19961213; FR 2735188 B1 19970711; US 5975375 A 19991102

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