

Title (en)

Pump for a container comprising a resiliently deformable membrane located outside the pump chamber

Title (de)

Pumpe für Behälter mit einer ausserhalb der Pumpenkammer angeordneten, elastisch verformbaren Membrane

Title (fr)

Pompe destinée à équiper un récipient, comportant une membrane élastiquement déformable à l'extérieur de la chambre de pompage

Publication

EP 1095871 B1 20050209 (FR)

Application

EP 00402979 A 20001026

Priority

FR 9913346 A 19991026

Abstract (en)

[origin: EP1095871A1] Pump, includes shaft with piston blocking release of pressurized product, but releasing it on relative movement into delivery position. The moving assembly comprises a shaft (121) with internal passage (22) for removal of product. When the piston (130) blocks the outlet opening(s) (126), product is contained. When it moves relative to the shaft, it releases the outlet opening(s) for delivery. When the piston is displaced, it moves from a position of precompression to the delivery position. This takes place under the effect of product pressure in the pumping chamber (60).

IPC 1-7

B65D 47/34; **B05B 11/00**

IPC 8 full level

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CPC (source: EP US)

B05B 11/0044 (2018.07 - EP US); **B05B 11/1025** (2023.01 - EP US); **B05B 11/1026** (2023.01 - EP US); **B05B 11/1074** (2023.01 - EP US); **B05B 11/1076** (2023.01 - EP US); **B05B 11/1077** (2023.01 - EP US)

Cited by

FR2885963A1; FR2913731A1; WO2008129187A1; US8292130B2

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