

Title (en)

IMPROVED PUMP FOR AN AIRLESS-RESERVOIR DISTRIBUTOR

Title (de)

VERBESSERTE PUMPE FÜR EINEN VERTEILER MIT LUFTLOSEM BEHÄLTER

Title (fr)

AMELIORATION D'UNE POMPE POUR DISTRIBUTEUR A RESERVOIR SANS AIR

Publication

EP 2300171 B1 20120926 (FR)

Application

EP 08874377 A 20080520

Priority

FR 2008000693 W 20080520

Abstract (en)

[origin: WO2009141511A1] The invention relates to an improved pumping device which provides good sealing with a reduced number of components, owing in particular to the use of a valve including at least: a rigid retaining ring (52) clamped in a cylindrical portion (45) extending from a bellows (44); a flexible resilient diaphragm connected at the periphery thereof to the retaining ring and including a domed part (51) curved towards the outside of the pumping chamber (3), said domed part having a slot (F) that divides the domed part into several portions; and a sleeve (534) extending from the ring outside the pumping chamber and coming into sealed contact around a hollow member (65) inside which an outlet duct (61) opens into a distribution port (611), the aforementioned portions of the domed part moving apart during expulsion and moving back together during suction.

IPC 8 full level

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CPC (source: EP)

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Cited by

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