

Title (en)

Dispensing bottle comprising a pump with purge membrane

Title (de)

Abgabeflasche mit einer Pumpe, die eine Belüftungsmembrane umfasst

Title (fr)

Flacon de distribution comprenant une pompe intégrant une membrane de purge

Publication

EP 2133153 B1 20111214 (FR)

Application

EP 09290421 A 20090608

Priority

FR 0803234 A 20080610

Abstract (en)

[origin: EP2133153A1] The bottle has a body (1) defining a reservoir (2) for conditioning a fluid product, and a pump mounted on the body to communicate with the reservoir via a product supplying device. The pump has bellows made of elastically deformable material and a lower part (40) arranged in the reservoir to communicate with the product. A purging membrane (34) is integrated in an outer wall of the lower part, and evacuates air and excess product in a dead space (35) during mounting the pump in the body. The membrane creates sealing between interior of the reservoir and the dead space after mounting the pump.

IPC 8 full level

B05B 11/00 (2006.01)

CPC (source: EP)

B05B 11/1047 (2023.01); **B05B 11/0097** (2013.01)

Cited by

EP2689858A1; FR2993868A1; EP2353727A1; CN102126575A; AU2011200143B2; EP3199245A1; FR3047186A1; CN107021292A; US8556130B2; US11534617B2; US10427181B2; US8528795B2; US9010584B2; US9199258B2; US9433960B2

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