

Title (en)
FLUID PRODUCT DISPENSER

Title (de)
FLÜSSIGPRODUKTSPENDER

Title (fr)
DISTRIBUTEUR DE PRODUIT FLUIDE

Publication
EP 3743210 A1 20201202 (FR)

Application
EP 19710021 A 20190125

Priority
• FR 1850642 A 20180126
• FR 2019050166 W 20190125

Abstract (en)
[origin: WO2019145650A1] Fluid product dispenser comprising: - a reservoir (R) containing a fluid product (P) and air (A), the reservoir (R) forming a mounting opening (11), - a cannula (12) for dispensing fluid product that is in communication with the reservoir (R), and - an actuating member (2) engaged in the mounting opening (11) for supplying the dispensing cannula (13) with fluid product (P), characterized in that the actuating member (2) comprises a deformable membrane (23) defining an outer side (231) forming a plunger (24) and an inner side (232) in contact with the air (A) of the reservoir (R), when the dispensing cannula (12) is in contact with the fluid product (P) of the reservoir (R).

IPC 8 full level
B01L 3/02 (2006.01); **B05B 11/00** (2006.01); **B65D 1/32** (2006.01); **B65D 83/00** (2006.01); **G01F 11/02** (2006.01)

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B01L 3/0241 (2013.01 - EP KR US); **B01L 3/0282** (2013.01 - EP KR US); **B05B 11/0035** (2013.01 - US); **B05B 11/048** (2013.01 - US); **B65D 83/0094** (2013.01 - EP KR US); **B01L 2300/042** (2013.01 - EP KR US); **B01L 2300/044** (2013.01 - US); **B01L 2300/0832** (2013.01 - EP KR US); **B01L 2300/168** (2013.01 - US); **B01L 2400/0481** (2013.01 - EP KR US); **B01L 2400/0487** (2013.01 - EP KR US); **B05B 11/0032** (2013.01 - EP US); **B05B 11/0035** (2013.01 - EP); **B05B 11/04** (2013.01 - EP); **B05B 11/06** (2013.01 - EP)

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2019145650 A1 20190801; CN 111655376 A 20200911; CN 111655376 B 20220701; EP 3743210 A1 20201202; EP 3743210 B1 20221228; FR 3077222 A1 20190802; FR 3077222 B1 20231201; KR 102716259 B1 20241011; KR 20200115592 A 20201007; US 11833506 B2 20231205; US 2020346202 A1 20201105

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