

Title (en)

REFILLABLE FLUID PRODUCT DISPENSER

Title (de)

NACHFÜLLBARER FLÜSSIGPRODUKTSPENDER

Title (fr)

DISTRIBUTEUR DE PRODUIT FLUIDE RECHARGEABLE

Publication

EP 3953054 B1 20230607 (FR)

Application

EP 20725787 A 20200410

Priority

- FR 1903892 A 20190411
- FR 2020000111 W 20200410

Abstract (en)

[origin: WO2020208319A1] Refillable dispenser (D1) comprising: a dispensing head (T) comprising a dispensing member (P), a variable volume reservoir (R1), and a filling valve (C) connected to the reservoir (R1), the filling valve (C) opening and closing in response to a variation in pressure of the fluid product, characterized in that the reservoir (R1) comprises: a wall (17) that is elastically deformable between a rest position and a deformed position, and a venting valve (V) that allows the air to exit the reservoir (R1) when the elastically deformable wall (17) is deformed from the rest position, the filling valve (C) opening and the venting valve (V) closing when the elastically deformable wall (17) returns elastically into its rest position, thereby creating a negative pressure in the reservoir (R1).

IPC 8 full level

B05B 11/00 (2023.01)

CPC (source: EP)

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FR 2020000111 W 20200410; BR 112021019098 A 20200410; CN 202080027951 A 20200410; EP 20725787 A 20200410; ES 20725787 T 20200410; FR 1903892 A 20190411