

Title (en)

DISPENSING DEVICE WITH A HARD-SPOT CHECK VALVE

Title (de)

ABGABEVORRICHTUNG MIT EINEM FESTPUNKTRÜCKSCHLAGVENTIL

Title (fr)

DISPOSITIF DE DISTRIBUTION COMPORTANT UN CLAPET ANTI-RETOUR À POINT DUR

Publication

**EP 4221900 A1 20230809 (FR)**

Application

**EP 21777573 A 20210827**

Priority

- FR 2009901 A 20200929
- FR 2021051496 W 20210827

Abstract (en)

[origin: WO2022069808A1] The present invention relates to a dispensing device (10), comprising: a coupling member (20) intended for being mounted on the opening (16) of a container (12), a piston (28), a cylinder body (30) in which the piston (28) is arranged so as to define a metering chamber (32) between the piston (28) and the cylinder body (30), the piston (28) comprising a metering inlet (34) and a dispensing opening (36), the cylinder body (30) being slidably movable along the piston (28), an inlet check valve (38) provided to open the metering inlet (34) when under negative pressure, an outlet check valve (40) provided to open the dispensing opening (36) when under positive pressure. The outlet check valve (40) comprises a diaphragm (64) provided with a sealing lip (66) that is able to slide against the inner axial surface (56) of the cylinder body (30).

IPC 8 full level

**B05B 11/00** (2023.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2022069808A1

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