

Title (en)

DEVICE FOR DISPENSING A FLUID PRODUCT, COMPRISING A METERING VALVE

Title (de)

VORRICHTUNG ZUR ABGABE EINES FLÜSSIGEN PRODUKTS MIT EINEM DOSIERVENTIL

Title (fr)

DISPOSITIF DE DISTRIBUTION DE PRODUIT FLUIDE COMPORTANT UNE VALVE DOSEUSE

Publication

EP 4255824 A1 20231011 (FR)

Application

EP 21845087 A 20211202

Priority

- FR 2012698 A 20201204
- FR 2021052177 W 20211202

Abstract (en)

[origin: WO2022117961A1] Device for dispensing a fluid product, comprising a reservoir (1) containing the fluid product and a metering valve (10) comprising a valve body (11) containing a metering chamber (30), a valve (20) sliding axially in the valve body (11) between an idle position and a dispensing position in order to dispense the contents of the metering chamber (30), the valve (20) being biased towards its idle position by a valve spring (12), the reservoir (1) containing a follower piston (5) and a piston spring (6) which axially biases the follower piston (5) towards the metering valve (10), the follower piston (5) being suitable for axially sliding in the reservoir (1) in a sealed manner after each actuation to compensate for the volume of each dispensed dose.

IPC 8 full level

B65D 83/14 (2006.01); **B65D 83/36** (2006.01); **B65D 83/42** (2006.01); **B65D 83/54** (2006.01); **B65D 83/64** (2006.01)

CPC (source: EP US)

B65D 83/36 (2013.01 - EP US); **B65D 83/425** (2013.01 - EP US); **B65D 83/54** (2013.01 - EP US); **B65D 83/64** (2013.01 - EP US); **B65D 83/752** (2013.01 - EP US)

Citation (search report)

See references of WO 2022117961A1

Designated contracting state (EPC)

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DOCDB simple family (application)

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