

Title (en)

METERING VALVE AND FLUID PRODUCT DISPENSING DEVICE COMPRISING SUCH A VALVE

Title (de)

DOSIERVENTIL UND FLUIDPRODUKTABGABEVORRICHTUNG MIT SOLCH EINEM VENTIL

Title (fr)

VALVE DOSEUSE ET DISPOSITIF DE DISTRIBUTION DE PRODUIT FLUIDE COMPORTANT UNE TELLE VALVE

Publication

EP 3433184 A1 20190130 (FR)

Application

EP 17720539 A 20170320

Priority

- FR 1652468 A 20160323
- FR 2017050644 W 20170320

Abstract (en)

[origin: WO2017162972A1] A metering valve for dispensing a fluid product, comprising a valve body (10) containing a metering chamber (20), a valve (30) sliding axially in said valve body (10) between a rest position and a dispensing position in order to dispense selectively the content of said metering chamber (20), said valve (30) comprising a flange (320) and being biased towards its rest position by a spring (8) co-operating with said valve body (10) and with said valve (30), wherein the valve body (10) has a cylindrical valve body portion (15) in which the flange (320) of the valve (30) slides between its rest and dispensing positions, the cylindrical valve body portion (15) having a plurality of longitudinal ribs (100) extending at least over a part of the height of said cylindrical valve body portion (15), which longitudinal ribs (100) project radially inwards and act on the flange (320) of the valve (30) to substantially centre the flange (320) in the cylindrical valve body portion (15).

IPC 8 full level

B65D 83/54 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2017162972A1

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DOCDB simple family (publication)

WO 2017162972 A1 20170928; CN 108778957 A 20181109; CN 108778957 B 20210112; EP 3433184 A1 20190130; EP 3433184 B1 20200429; FR 3049275 A1 20170929; FR 3049275 B1 20190719; JP 2019510696 A 20190418; JP 7373280 B2 20231102; US 10745189 B2 20200818; US 2019047778 A1 20190214

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