

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

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Application

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Priority

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Abstract (en)

[origin: WO2018203013A1] The invention relates to a metering valve for a fluid product, comprising a valve body (10) containing a metering chamber (20), a valve member (30) sliding axially inside the valve body (10) between a rest position and a dispensing position, for selectively dispensing the contents of the metering chamber (20), said valve member (30) being urged into the rest position by a spring (8) that cooperates with both the valve body (10) and the valve member (30), said valve member (30) comprising a central axial channel (35) provided with an axial outlet (301) and a radial inlet channel (302) disposed inside the metering chamber (20) when the valve member (30) is in the dispensing position, said radial inlet channel (302) comprising, in the fluid product dispensing direction, an inlet (3021) and an outlet (3022) opening into the central axial channel (35), the diameter of the radial inlet channel (302) being between 0.30 and 0.40 mm and advantageously approximately 0.35 mm, the diameter of the outlet (3022) being equal to the diameter of the radial inlet channel (302) and the diameter of the inlet (3021) being greater than the diameter of the radial inlet channel (302).

IPC 8 full level

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