

Title (en)
METERING VALVE FOR PRESSURIZED VIAL

Title (de)
MESSVENTIL FÜR EINE UNTER DRUCK STEHENDE PHIOLE

Title (fr)
VALVE DE DOSAGE POUR FLACON SOUS PRESSION

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Application
EP 11740876 A 20110726

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Abstract (en)
[origin: WO2012016887A1] The invention relates to a metering valve (1) for a pressurized vial, comprising a valve body (9) in which a valve element (4) can slide, a metering chamber (7) and means for moving the valve element (4) between a closed position in which, when mounted on a vial, the metering chamber (7) is in contact with the inside of the vial and isolated from the outside of the vial, and an open position in which, when mounted, the metering chamber (7) is isolated from the inside of the vial and in contact with the outside of the vial. According to the invention, the metering chamber (7) is fixed by its upper end to that part of the valve body (9) which, when mounted, is situated inside the vial, an inlet passage being provided that places the inside of the vial in contact with the metering chamber and an outlet passage being provided that places the metering chamber in contact with the outside of the valve, inlet shut-off means being provided to shut off the inlet passage when the valve element (4) is in the open position and outlet shut-off means being provided to shut off the outlet passage when the valve element (4) is in the closed position. In addition, the valve element can be moved beyond the open position into a third position, known as the short-circuit position, a third passage known as short-circuit passage, being provided to place the inside of the vial in contact with the outside of the vial, short-circuit shut-off means being provided for shutting off the short-circuit passage when the valve element (4) is in the closed position or in the open position.

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