

Title (en)

Metering device with dynamic sealing

Title (de)

DosierVorrichtung mit Dynamischer Abdichtung

Title (fr)

Dispositif de dosage avec joint d'étanchéité dynamique

Publication

EP 1445480 B1 20060426 (EN)

Application

EP 03002402 A 20030204

Priority

EP 03002402 A 20030204

Abstract (en)

[origin: EP1445480A1] A metering device for dosing pressurized fluids, in particular an injection valve for a fuel injection system in an internal combustion engine, is disclosed in which the hermetic sealing between the fluid chamber (2) for the pressurized fluid to be dosed and the actuator chamber (9) is provided by an elastic element (10c). The elastic element (10c) is arranged in a compressed manner between a sealing seat (15) of the valve body (1) and a flange section (10b) of a metallic sleeve that additionally comprises a hollow cylinder section (10a) in hermetic rigid contact with the valve needle (4). <IMAGE>

IPC 8 full level

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CPC (source: EP)

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Cited by

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