

Title (en)  
METERING DEVICE

Title (de)  
DOSIERVORRICHTUNG

Title (fr)  
DISPOSITIF DE DOSAGE

Publication  
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Application  
**EP 04787126 A 20040910**

Priority  
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Abstract (en)  
[origin: WO2005026532A1] The invention relates to a metering device comprising an actuating unit (A) that is provided with a housing (1) in which an actuator (2) is inserted and a hydraulic compensating element (13). Said hydraulic compensating element (13) is connected to the actuator and can be filled with a fluid when subjected to pressure. A first end of the actuator (2) is provided with a first end cap (3'). The inventive metering device further comprises a stop (14) that is disposed on the housing (1) in the form of a seat, faces the first end cap (3'), and defines a stopping position for the first end cap. The stop (14) maintains a maximum distance between a sealing element (6) of a valve unit (B) and the end cap (3'), said distance being smaller than the traveling distance of the actuator (2) such that the stroke of the actuator (2) beyond the end cap (3') is sufficient for opening the valve. The first end cap (3') hits the stop (14) when moving in the direction of the hydraulic compensating element (13) such that said movement is blocked.

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