

Title (en)
VOLUME FLOW-REGULATED SEAT VALVE

Title (de)
VOLUMENSTROMGEREGELTES SITZVENTIL

Title (fr)
SOUPAPE À SIÈGE À DÉBIT VOLUMIQUE RÉGULÉ

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Application
EP 16734561 A 20160608

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Abstract (en)
[origin: WO2016198453A1] The invention relates to a volume control valve (1) for controlling and/or metering a fluid in a motor vehicle, comprising a tappet (18) with an actuating end (24) and a free end (22), said tappet being received in a bearing bush (32) and mounted along its actuating axis so as to be movable back and forth, and a seat valve (20) which is connected to a fluid channel (26) and arranged relative to the tappet in such a way that the free end of the tappet can engage in the valve seat and close the fluid channel when it is engaged in said valve seat, and further comprising a pressure spring (30) which is arranged along the longitudinal axis of the tappet. According to the invention, a welded plate (34) is fastened and/or welded and/or formed on the tappet with the pressure spring arranged thereon, which is supported on the welded plate and the bearing bush.

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