

Title (en)
VALVE FOR METERING A MEDIUM

Title (de)
VENTIL ZUM ZUMESSEN EINES MEDIUMS

Title (fr)
SOUPAPE POUR LE DOSAGE D'UN MILIEU

Publication
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Application
EP 12705693 A 20120224

Priority

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Abstract (en)
[origin: WO2012130538A1] The invention relates to a valve for metering a medium, in particular a fluid, comprising a valve housing (11) having a metering opening, a valve element controlling the metering opening, a piezo-electric actuator (16) for actuating the valve element that can be electrically controlled, the actuator being gimbal-mounted on the valve element side and the valve housing side respectively. The valve further comprises a hydraulic coupler (27) having a piston (29), which is mounted axially slidable and non-rotatable in a piston guide (28), and an electrical connection guided to the actuator (16) for the control thereof, said electrical connection having a contact element (25) on the actuator side and a contact element (26) on the housing side which contacts said actuator-side contact element. In order to keep torsional moments occurring in the actuator (16) during valve operation away from the electrical connection, a rotation prevention fixing the actuator (16) in its rotational position and including one of the contact elements (25, 26) is provided.

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