Title (en)
VALVE FOR METERING A FLUID

Title (de)
VENTIL ZUM ZUMESSEN EINES FLUIDS

Title (fr)
SOUPAPE DE DOSAGE D'UN FLUIDE

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Application
EP 13702796 A 20130130

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Abstract (en)
[origin: WO2013131691A1] The invention relates to a valve for metering a fluid, in particular for injecting fuel into an internal combustion engine fuel injection device, said valve having an inlet (11) for the fluid, a metering opening (12) for the fluid and an elongate hollow cylindrical flow channel (13) leading from the inlet (11) to the metering opening (12) and having an outer channel wall (13a) and an inner channel wall (13b). In order to influence hydraulic resonances by the structural shape so that excitation of critical, mounting-induced structural modes can no longer occur, according to the invention the flow channel is divided into at least two channel sections (131, 132) that are separate from each other, and a throttled flow connection for the fluid is produced between successive channel sections (131, 32).

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Citation (search report)
See references of WO 2013131691A1

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