

Title (en)
FUEL INJECTION VALVE

Title (de)
BRENNSTOFFEINSPRITZVENTIL

Title (fr)
SOUPAPE D'INJECTION DE CARBURANT

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Application
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Abstract (en)
[origin: WO0144653A2] The invention relates to a fuel injection valve (1) for fuel injection systems of internal combustion engines. The inventive valve consists of a magnet coil (8), an armature (12) that is impinged upon in a closing direction and by a readjusting spring (10), and a valve needle (3) that is connected to the armature (12) in a positive fit for actuating a valve closing body (4) which, together with a valve seat surface (6), forms a sealing seat. At least one first fuel channel (37) is provided in or on the armature (12). Said channel is flown through by the fuel. The cross-section of the first fuel channel (37) depends on the axial location of the armature (12).

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