

Title (en)
FUEL INJECTION VALVE

Title (de)
BRENNSTOFFEINSPRITZVENTIL

Title (fr)
SOUPAPE D'INJECTION DE CARBURANT

Publication
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Application
EP 02717971 A 20020225

Priority
• DE 0200662 W 20020225
• DE 10108974 A 20010224

Abstract (en)
[origin: WO02068811A1] A fuel injection valve (1), in particular for the direct injection of fuel into the combustion chamber of a mixture-compressing, spark-ignited internal combustion engine, comprises an armature (20), co-operating with a magnet coil (10) and a valve needle (3), connected to the armature (20), on which a valve closing body (4) is provided, which forms a sealing seat together with a valve seating surface (6). Downstream of the armature (20), the valve needle (3) comprises a split bush (31), the axial position of which on the valve needle (3) determines the height of the pre-stroke clearance (38), formed between the armature (20) and an engaging flange (21), positively connected to the valve needle (3), whereby the split bush (31) is tubular in embodiment and comprises a slot (33) running in the axial direction.

IPC 8 full level
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