

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: WO0210584A1] The invention relates to a fuel-injection valve (1) for fuel-injection systems in internal combustion engines. Said valve comprises a solenoid (10), a valve needle (3) which is impinged by a return spring (23) in a closing direction to actuate a valve closing body (4), said body together with a valve seat surface (6) forming a tight seat, and an armature (20), which is connected to the valve needle (3) by non-positive fit. A first guide sleeve (35) and a second guide sleeve (36) are connected to the valve needle (3). The armature (20) has a degree of radial play in relation to the valve needle (3), said play being formed by a central bore (34), whose diameter is greater than the diameter of the valve needle (3).

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