

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: WO2004076851A1] The invention relates to a fuel injection valve (1) for directly injecting fuel into a combustion chamber (39) of an internal combustion engine. Said fuel injection valve comprises an actuator (10) which can be excited, a valve needle (3) for actuating a valve closing body (4), said valve needle being impinged upon in a closing direction by a readjusting spring (23) and being actively connected to the actuator (10). Said valve closing body forms a tight seat together with a valve seat surface (6) embodied on a valve seat body (5), and at least two injection openings (7). The pressure of the fuel flowing through the fuel injection valve (1) is greater than 10 bars.

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