

Title (en)  
FUEL INJECTION VALVE

Title (de)  
BRENNSTOFFEINSPRITZVENTIL

Title (fr)  
SOUPAPE D'INJECTION DE CARBURANT

Publication  
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Application  
**EP 02774434 A 20021001**

Priority  
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Abstract (en)  
[origin: WO03048559A1] A fuel injection valve (1), especially an injection valve for the fuel injection systems of internal combustion engines, comprising a piezoelectric or magnetostrictive actuator (11) which uses a valve needle (2) to actuate a valve closure body (3) disposed on said valve needle (2), said valve closure body cooperating with a valve seat surface (6) to form a tight seat (7), also comprising a hydraulic compensation chamber (17). A pressure piston (15) cooperates with the compensation chamber (17) which is filled with hydraulic fluid by means of a hydraulic fluid inlet (25). The actuator (11) is disposed between the pressure piston (15) and the valve needle (2) and can be displaced within the axis of the valve needle (2) and the pressure piston (15).

IPC 8 full level  
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