

Title (en)  
FUEL INJECTION VALVE

Title (de)  
BRENNSTOFFEINSPRITZVENTIL

Title (fr)  
SOUPAPE D'INJECTION DE CARBURANT

Publication  
**EP 1395749 B1 20050420 (DE)**

Application  
**EP 02735065 A 20020507**

Priority  
• DE 0201633 W 20020507  
• DE 10124748 A 20010521

Abstract (en)  
[origin: WO02095218A1] A fuel injection valve (1) for fuel injection systems for internal combustion engines, comprising a magnetizing coil (10), a valve needle which cooperates with the magnetic coil (10) and a valve needle (3) which is impinged upon in a direction of closure by a readjusting spring (23) in order to actuate a valve sealing body (4) which forms a tight seat together with a valve seat surface (6) formed on a valve seat body (5), in addition to at least one injection inlet (7) which is embodied in the valve seat body (5). The injection openings (7) discharge from elevations (36) which protrude above an outer front-face side (38) of the valve seat body (5). The fuel is guided through flow channels (39) in the elevations (36).

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IPC 8 full level  
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