

Title (en)  
FUEL INJECTION VALVE

Title (de)  
BRENNSTOFFEINSPRITZVENTIL

Title (fr)  
SOUPAPE D'INJECTION DE CARBURANT

Publication  
**EP 1751420 B1 20091028 (DE)**

Application  
**EP 05716755 A 20050221**

Priority  
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• DE 102004024533 A 20040518

Abstract (en)  
[origin: WO2005113973A1] A fuel injection valve (1), particularly for directly injecting fuel into the combustion chamber of a mixture-compressing, spark-ignition internal combustion engine, comprises an armature (20), which interacts with solenoid (10), and comprises a valve needle (3), which is non-positively connected to the armature (20) and on which a valve closing body (4) is provided that, together with a valve seat face (6), forms a sealing seat. The armature (20) is mounted in an oscillating manner on the valve needle (3) by means of spring (31).

IPC 8 full level  
**F02M 51/06** (2006.01)

CPC (source: EP US)  
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DOCDB simple family (publication)  
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