

Title (en)  
FUEL INJECTION VALVE

Title (de)  
BRENNSTOFFEINSPRITZVENTIL

Title (fr)  
SOUPAPE D'INJECTION DE CARBURANT

Publication  
**EP 1144847 A1 20011017 (DE)**

Application  
**EP 00984843 A 20001021**

Priority  
• DE 0003699 W 20001021  
• DE 19950762 A 19991021

Abstract (en)  
[origin: DE19950762A1] The fuel injection valve has a piezoelectric or magnetostrictive valve actuator (4) and a valve closure body (20) actuated via an actuating body (15) and/or a valve needle (19) that interacts with a valve seat surface to form a sealing seat. The actuating body or the valve needle can be connected to the valve actuator via at least one stop actuator (10) acting essentially perpendicular to the valve actuator direction.

IPC 1-7  
**F02M 51/06**

IPC 8 full level  
**F02M 51/06** (2006.01); **F02M 61/16** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP KR)  
**F02M 51/0607** (2013.01 - EP); **F02M 61/08** (2013.01 - KR); **F02M 61/167** (2013.01 - EP)

Citation (search report)  
See references of WO 0129401A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**DE 19950762 A1 20010426**; BR 0007231 A 20011016; CN 1158457 C 20040721; CN 1327506 A 20011219; CZ 20012267 A3 20020612; EP 1144847 A1 20011017; JP 2003512556 A 20030402; KR 20010093200 A 20011027; TW 548373 B 20030821; WO 0129401 A1 20010426

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