

Title (en)

Fuel injection valve

Title (de)

Brennstoffeinspritzventil

Title (fr)

Buse d'injection de carburant

Publication

**EP 1559906 A3 20070214 (DE)**

Application

**EP 05001507 A 20050126**

Priority

DE 102004004169 A 20040128

Abstract (en)

[origin: EP1559906A2] The fuel injection valve has an actuator and valve closure body (4) interacting with valve seat (6) to provide a sealing seat. The valve seat body (5) has a discharge opening (7) which has at the downstream end flow discharge edges (39) running in a groove (38). The sealing seat directly adjoins the groove. The groove can be disposed partially in the valve closure body and partially in the valve seat body. When the sealing seat is closed the flow discharge edges are arranged at the same height.

IPC 8 full level

**F02M 61/08** (2006.01); **F02M 61/18** (2006.01)

CPC (source: EP)

**F02M 61/08** (2013.01); **F02M 61/18** (2013.01); **F02M 61/1873** (2013.01); **F02M 51/0671** (2013.01); **F02M 51/0685** (2013.01); **F02M 2200/16** (2013.01)

Citation (search report)

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GB2613396A; GB2613396B

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

**EP 1559906 A2 20050803**; **EP 1559906 A3 20070214**; DE 102004004169 A1 20050818

DOCDB simple family (application)

**EP 05001507 A 20050126**; DE 102004004169 A 20040128