

Title (en)

Fuel injection valve

Title (de)

Kraftstoffeinspritzventil

Title (fr)

Soupape d'injection de carburant

Publication

EP 1900933 B1 20111130 (DE)

Application

EP 07016402 A 20070822

Priority

DE 102006042444 A 20060909

Abstract (en)

[origin: EP1900933A2] The valve (1) has a housing (2) with a borehole (3) conveyable through a fuel, and a closure unit (4) actuatable by an actuator and arranged in the borehole. The closure unit has a closure body (5) at a side of the housing, where the closure body has a flow tearing edge (6) for the injected fuel. The borehole is openable out from the housing opposite to a surrounding (7) of the valve by the closure unit during changing of position. The closure body has a roughness (8) on a side in an area of the edge, where the side faces the surrounding.

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 2200/06** (2013.01); **F02M 2200/8069** (2013.01); **F02M 2200/9038** (2013.01)

Cited by

WO2012143178A1; WO2011029941A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1900933 A2 20080319; **EP 1900933 A3 20101020**; **EP 1900933 B1 20111130**; DE 102006042444 A1 20080327

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