

Title (en)

Fuel injection valve

Title (de)

Kraftstoffeinspritzventil

Title (fr)

Soupape d'injection de carburant

Publication

EP 2275667 B1 20130904 (DE)

Application

EP 10162914 A 20100517

Priority

DE 102009027709 A 20090715

Abstract (en)

[origin: EP2275667A1] The valve (1) has a nozzle needle (10) acting together with a valve seat and receiving closing force through pressure in a nozzle needle control area (20). A control valve (30) adjusts the pressure in the control area and has a control valve area (31) in which a control valve unit (34) is arranged, where the valve unit has a sealing body. The control valve area has a guiding section (44) for guiding the control valve unit in a longitudinally movable manner at an outer side of the control valve area, where the control valve unit is extended into the control valve area.

IPC 8 full level

F02M 47/02 (2006.01); **F02M 63/00** (2006.01); **F02M 61/04** (2006.01)

CPC (source: EP)

F02M 47/027 (2013.01); **F02M 63/0026** (2013.01); **F02M 63/0031** (2013.01); **F02M 63/0073** (2013.01); **F02M 61/042** (2013.01)

Cited by

EP2412965A3

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2275667 A1 20110119; **EP 2275667 B1 20130904**; DE 102009027709 A1 20110120

DOCDB simple family (application)

EP 10162914 A 20100517; DE 102009027709 A 20090715