

Title (en)

Fuel injection valve

Title (de)

Brennstoffeinspritzventil

Title (fr)

Soupape d'injection de combustible

Publication

**EP 1780403 B1 20161214 (DE)**

Application

**EP 06121591 A 20061002**

Priority

DE 102005051005 A 20051025

Abstract (en)

[origin: EP1780403A2] The fuel injection valve (1) has a jet body (9) to go in the combustion chamber of the engine, fitting in a recess in the cylinder head and a valve housing with an inflow-side end (2) which can be connected to the connector of a fuel distribution line. The inflow-side end of the valve housing is in the form of a long connection shell (7) deformable by radial forces.

IPC 8 full level

**F02M 55/00** (2006.01); **F02M 55/02** (2006.01); **F02M 61/14** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)

**F02M 55/005** (2013.01); **F02M 55/025** (2013.01); **F02M 61/14** (2013.01); **F02M 61/168** (2013.01)

Citation (examination)

- DE 10148824 A1 20030410 - BOSCH GMBH ROBERT [DE]
- EP 1304477 A2 20030423 - BOSCH ROBERT CORP [US]
- US 5074269 A 19911224 - HERBON JOSEPH A [US], et al
- US 2005211225 A1 20050929 - OGUMA YOSHITOMO [JP]

Cited by

EP2700805A1; EP2698526A1; CN103590948A; US10480469B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 1780403 A2 20070502**; **EP 1780403 A3 20071121**; **EP 1780403 B1 20161214**; DE 102005051005 A1 20070426

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**EP 06121591 A 20061002**; DE 102005051005 A 20051025