

Title (en)

Fuel injection valve

Title (de)

Brennstoffeinspritzventil

Title (fr)

Soupape d'injection de carburant

Publication

EP 1538331 B1 20070530 (DE)

Application

EP 04105050 A 20041014

Priority

DE 10357454 A 20031203

Abstract (en)

[origin: EP1538331A1] The fuel injection valve incorporates a coupler (7) with an equalization space (12) bounded by a flexible element (12) which is elastic, and has a section with a reduced diameter produced by a U-shaped wall corrugation (33). As a result of its elasticity, this element is capable of exerting pressure on the hydraulic medium in the equalization space.

IPC 8 full level

F02M 61/16 (2006.01); **F02M 51/06** (2006.01); **F02M 61/08** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)

F02M 51/0603 (2013.01); **F02M 61/08** (2013.01); **F02M 61/166** (2013.01); **F02M 61/167** (2013.01); **F02M 2200/16** (2013.01); **F02M 2200/707** (2013.01)

Cited by

EP1813805A1; EP1780405A1; EP1591656A3; US2015014436A1; US9470198B2; EP1918571A1; EP2078846A1; US7198202B2

Designated contracting state (EPC)

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