

Title (en)

Fuel injection system for internal combustion engines, in particular for diesel engines

Title (de)

Kraftstoffeinspritzsystem für Brennkraftmaschinen, insbesondere Dieselmotoren

Title (fr)

Système d'injection de carburant, en particulier pour moteurs Diesel

Publication

EP 1262657 A3 20041201 (DE)

Application

EP 02008680 A 20020418

Priority

DE 10125944 A 20010529

Abstract (en)

[origin: EP1262657A2] The fuel injection system has a high pressure fuel pump (14) supplying a common rail (15) provided with fuel injectors (22-25) for each of the engine cylinders. A pressure limiting valve (49) is at least partially integrated in the common rail at the opposite end to the fuel pump, with a low pressure seal between the pressure limiting valve and the common rail.

IPC 1-7

F02M 63/02; **F02M 55/02**

IPC 8 full level

F02M 55/02 (2006.01); **F02M 59/46** (2006.01); **F02M 63/02** (2006.01)

CPC (source: EP US)

F02M 55/025 (2013.01 - EP US); **F02M 63/004** (2013.01 - EP US); **F02M 63/0043** (2013.01 - EP US); **F02M 63/005** (2013.01 - EP US); **F02M 63/0225** (2013.01 - EP US); **F02M 63/028** (2013.01 - EP US); **F02M 2200/18** (2013.01 - EP US)

Citation (search report)

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- [Y] DE 10022275 A1 20001228 - AISAN IND [JP]
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