

Title (en)
Fuel injection system

Title (de)
Brennstoffeinspritzanlage

Title (fr)
Système d'injection de carburant

Publication
EP 1338792 A3 20031029 (DE)

Application
EP 03000847 A 20030115

Priority
DE 10208227 A 20020226

Abstract (en)
[origin: EP1338792A2] Fuel injection system comprises a fuel injection valve and a fuel distribution line. A connection (1) between the inlet of the fuel distribution line and the inlet section of the fuel injection valve has a guide section (2) for inserting in a distributor connector (3) with a central inlet bore (12) and is sealed by a sealing device (10). The guide section has a shoulder (6). A holding element (4) inserted in the inlet bore in a force-locking manner is surrounded by the guide section and, using a step (5), presses the shoulder against the surface (7) of the distributor connector. An Independent claim is also included for an alternative fuel injection system. Preferred Features: The holding element has a central fuel inlet bore (13).

IPC 1-7
F02M 55/00; **F02M 69/46**

IPC 8 full level
F02M 61/16 (2006.01); **F02M 51/06** (2006.01); **F02M 55/00** (2006.01); **F02M 69/04** (2006.01); **F02M 69/46** (2006.01)

CPC (source: EP)
F02M 55/004 (2013.01); **F02M 69/465** (2013.01)

Citation (search report)
• [XY] US 5927726 A 19990727 - ACHENBACH MANFRED [DE], et al
• [Y] EP 0886066 A1 19981223 - SIEMENS AUTOMOTIVE CORP LP [US]
• [A] US 4324276 A 19820413 - KEMNER ULRICH
• [A] US 5724946 A 19980310 - FRANCHITTO ANTHONY LOUIS [US]

Designated contracting state (EPC)
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