

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]

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