

Title (en)

Fuel distribution device for fuel injection system of internal combustion engines

Title (de)

Vorrichtung zur Verteilung von Kraftstoff für Kraftstoffeinspritzanlagen von Verbrennungsmotoren

Title (fr)

Dispositif de distribution de combustible pour système d'injection de combustible de moteurs à combustion interne

Publication

**EP 1076172 A3 20031001 (DE)**

Application

**EP 00116743 A 20000803**

Priority

DE 19937444 A 19990807

Abstract (en)

[origin: DE19937444C1] The fuel distribution device has a cylindrical metal fuel distribution line (1), provided along its length with a number of connection elements (2) for respective fuel injection valves. Each connection element has a connection part (4) fitting around the outside of the fuel distribution line to provide a pressure and gas-tight seal and a valve reception part (5) aligned with the fuel distribution opening in the fuel distribution pipe.

IPC 1-7

**F02M 55/02**; **F02M 55/00**; **F02M 69/46**; **F16L 41/12**

IPC 8 full level

**F02M 55/00** (2006.01); **F02M 55/02** (2006.01); **F02M 69/46** (2006.01)

CPC (source: EP)

**F02M 55/004** (2013.01); **F02M 55/025** (2013.01); **F02M 61/168** (2013.01); **F02M 69/465** (2013.01)

Citation (search report)

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- [E] WO 0171179 A2 20010927 - SIEMENS AUTOMOTIVE CORP LP [US]
- [X] EP 0508362 A2 19921014 - TOYOTA MOTOR CO LTD [JP]
- [DX] DE 19744094 A1 19990527 - SIEMENS AG [DE]
- [XD] PATENT ABSTRACTS OF JAPAN vol. 018, no. 212 (M - 1593) 15 April 1994 (1994-04-15)
- [X] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 05 30 April 1998 (1998-04-30)

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WO2016159932A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 19937444 C1 20010118**; EP 1076172 A2 20010214; EP 1076172 A3 20031001

DOCDB simple family (application)

**DE 19937444 A 19990807**; EP 00116743 A 20000803