

Title (en)

Device for distributing fuel for a combustion engine

Title (de)

Einrichtung zur Verteilung von Kraftstoff für eine Brennkraftmaschine

Title (fr)

Dispositif de distribution de carburant pour un moteur à combustion

Publication

EP 0826873 A3 19980603 (DE)

Application

EP 97114010 A 19970814

Priority

DE 19634260 A 19960824

Abstract (en)

[origin: DE19735437A1] The fuel distribution gallery consists of a blind bore (2) in the cylinder head of an internal combustion engine. There are several side-bores (7) through which the fuel flows to injectors for individual cylinders. The bore in the cylinder head contains a sleeve (3) which is supported by outward facing projections (8) between the side bores. The sleeve extends all the way to the end of the blind bore. Fuel enters (10) the open end of the sleeve and travels along the central bore (5) towards the closed end (11). There are holes (6) at intervals through which fuel passes to the annular space between the outer diameter of the sleeve and the inner diameter of the bore.

IPC 1-7

F02M 31/14; **F02M 69/46**

IPC 8 full level

F02M 31/20 (2006.01); **F02F 1/24** (2006.01); **F02M 31/14** (2006.01); **F02M 53/00** (2006.01); **F02M 55/02** (2006.01); **F02M 69/46** (2006.01)

CPC (source: EP US)

F02M 53/00 (2013.01 - EP US); **F02M 55/025** (2013.01 - EP US); **F02D 2200/0606** (2013.01 - EP US)

Citation (search report)

- [Y] US 4955409 A 19900911 - TOKUDA TERUHIKO [JP], et al
- [DA] EP 0625637 A1 19941123 - WEBER SRL [IT]
- [A] US 5311850 A 19940517 - MARTIN TIBY M [US]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 16, no. 498 (M - 1325) 15 October 1992 (1992-10-15)

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