

Title (en)

High pressure fuel manifold adapted for fitting between a fuel pump and at least one electromagnetically actuated fuel injection valve.

Title (de)

Hochdruck-Kraftstoff-Sammelleitung zwischen einer Kraftstoffpumpe und mindestens einer elektromagnetisch gesteuerte Kraftstoffeinspritzdüse.

Title (fr)

Collecteur de carburant haute pression prévu pour être disposé entre une pompe à carburant et au moins un injecteur de carburant à commande électromagnétique.

Publication

EP 0427977 A1 19910522 (EN)

Application

EP 90120113 A 19901019

Priority

IT 6796089 A 19891107

Abstract (en)

The manifold comprises a body (1) having an internal cavity (2) delimited substantially by a pair of end walls (3, 4) and by a side wall (5); on the first of these end walls there are fixed connectors (6, 7, 8) communicating with the cavity, of which at least one (6) of these is adapted to be connected to a duct communicating with the fuel supply pump and each of the others (7, 8) is adapted to be connected to a corresponding injection valve, the second of these end walls (4) being provided with at least one hole (12) adapted to be connected to a pressure and/or temperature sensor (13).

IPC 1-7

F02M 55/00; **F02M 55/02**

IPC 8 full level

F02M 51/00 (2006.01); **F02M 53/00** (2006.01); **F02M 53/02** (2006.01); **F02M 55/02** (2006.01)

CPC (source: EP)

F02M 51/005 (2013.01); **F02M 53/00** (2013.01); **F02M 53/02** (2013.01); **F02M 55/025** (2013.01); **F02M 2200/24** (2013.01)

Citation (search report)

- [A] FR 2609503 A1 19880715 - IVECO FIAT [IT]
- [A] EP 0043283 A2 19820106 - CASHMORE PETER ROSEBY [GB]
- [A] US 2957682 A 19601025 - CAMERON DONALD J, et al

Cited by

FR2778950A1; DE102008039924A1; FR2770260A1; CN1075164C; FR2765919A1; US6135092A; EP0999362A3; US6186119B1; WO0011344A1; WO0214680A1; WO9922135A1; WO9960263A1; WO9902850A1; US6196192B1; WO9814700A1; WO9821469A1

Designated contracting state (EPC)

DE ES FR GB SE

DOCDB simple family (publication)

EP 0427977 A1 19910522; BR 9005709 A 19910917; IT 1238509 B 19930818; IT 8967960 A0 19891107; IT 8967960 A1 19910507

DOCDB simple family (application)

EP 90120113 A 19901019; BR 9005709 A 19901106; IT 6796089 A 19891107