

Title (en)

Connection device for injectors of an internal combustion engine

Title (de)

Verbindungsvorrichtung für Brennstoffeinspritzventile einer Brennkraftmaschine

Title (fr)

Dispositif de connexion des injecteurs d'un moteur à combustion interne

Publication

EP 0900933 B1 20020327 (FR)

Application

EP 98402062 A 19980814

Priority

FR 9710911 A 19970902

Abstract (en)

[origin: EP0900933A1] The system has a main connector (21) linked to a computer and individual connectors (22) interacting with connections on the injectors, and couplings (20) with links (23) supporting the main and individual connectors. The system comprises a fuel injection pipe (11) with a branch (12) for each injector, and an electrical coupling (20) between an engine management computer and each injector. The coupling consists of a main connector (21) and individual connectors (22) which are designed to interact with matching connections on the individual injectors and form a continuous guide for electrical cables between the connectors. The links (23) have parallel tubes (25) attached to the branches, and a rail (26) extending at right angles to them and made in sections (26a-c) between the tubes, joined to one another by half collars (27a-d). The links, tubes and rail can be made e.g. from a rigid molded plastics material.

IPC 1-7

F02M 51/00; **F02M 55/02**

IPC 8 full level

F02M 51/00 (2006.01); **F02M 69/46** (2006.01)

CPC (source: EP)

F02M 51/005 (2013.01); **F02M 69/465** (2013.01)

Cited by

GB2391908A

Designated contracting state (EPC)

CH DE ES GB IT LI PT SE

DOCDB simple family (publication)

EP 0900933 A1 19990310; **EP 0900933 B1 20020327**; DE 69804394 D1 20020502; FR 2767873 A1 19990305; FR 2767873 B1 19991119

DOCDB simple family (application)

EP 98402062 A 19980814; DE 69804394 T 19980814; FR 9710911 A 19970902