

Title (en)
Fuel rail.

Title (de)
Brennstoffverteiler.

Title (fr)
Rampe de combustible.

Publication
EP 0508074 B1 19940525 (DE)

Application
EP 92103108 A 19920225

Priority
DE 4111988 A 19910412

Abstract (en)
[origin: EP0508074A1] In the fuel distributors proposed for the fuel supply of a plurality of fuel injection valves of the top feed type, inlet connections and return connections are arranged at two opposing ends of the fuel distributor. These fuel distributors take up a lot of space and are difficult to connect to fuel lines. <??>In the case of the new fuel distributor (1) both the inlet and the return connections (37, 33) can be arranged at one end of the fuel distributor (1) so that assembly of the fuel distributor (1) is simplified and the space requirement is reduced. A connection cover (21) with a return connection (33) is arranged on the distributor housing (11) and a central pressure governor (43) on the front of a second end (41). The pressure governor (43) and return connection (33) of the connection cover (21) are connected to one another by a central return line (47) running in the distributor housing (11). <??>The fuel distributor is especially suitable for fuel injection systems of mixture-compressing spark ignition internal combustion engines for the fuel supply of a plurality of fuel injection valves. <IMAGE>

IPC 1-7
F02M 55/02; **F02M 69/46**

IPC 8 full level
F02M 55/02 (2006.01); **F02M 69/46** (2006.01)

CPC (source: EP US)
F02M 69/465 (2013.01 - EP US); **Y10T 137/85938** (2015.04 - EP US)

Cited by
US5333587A; DE19837120A1; EP0625637A1

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
EP 0508074 A1 19921014; **EP 0508074 B1 19940525**; DE 4111988 A1 19921015; DE 4111988 C2 19940714; DE 59200181 D1 19940630; US 5233963 A 19930810

DOCDB simple family (application)
EP 92103108 A 19920225; DE 4111988 A 19910412; DE 59200181 T 19920225; US 86730692 A 19920410