

Title (en)

DISTRIBUTOR DEVICE FOR FUEL INJECTION SYSTEMS

Title (de)

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Title (fr)

DISPOSITIF DISTRIBUTEUR POUR SYSTEMES D'INJECTION DE CARBURANT

Publication

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Application

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Abstract (en)

[origin: DE19647586A1] The present invention relates to a distributor device (1) for internal combustion engine fuel injection systems, ensuring gas supply and electric contacting of fuel injection valves (2). The distributor device has a gas feed pipe (70) for common provision of gas to the fuel injection valves (2). The gas feed pipe has a feed opening (71) and multiple connecting pieces (7) joining the feed opening (71) to the fuel injector valve (2) gas inlet channels (13). Several bushings (78) are also provided and placed along the gas feed pipe (70). Said bushings interact with the fuel injection valve (2) connectors (47) to ensure electric contacting of the fuel injection valves (2). According to the embodiment described in the invention, each bushing (78) is provided with a locking spring (88) which blocks off the connection of the bushing (78) to the connector (47) of the pertaining fuel injection valve (2). Furthermore, actuating devices (87) are arranged on the side (102) of the gas feed pipe (70) opposite to the bushings (78) to release the locking springs (88), wherein each locking spring (88) extends across the longitudinal axis of the gas feed pipe (70) to the pertaining actuating device (87).

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