

Title (en)

Fuel supply arrangement to at least one combustion chamber of an internal combustion engine

Title (de)

Brennstoffzufuhrvorrichtung für wenigstens eine Brennkammer einer Brennkraftmaschine

Title (fr)

Dispositif d'admission de carburant pour au moins une chambre de combustion d'un moteur à combustion

Publication

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Application

EP 99106831 A 19990406

Priority

IT BO980221 A 19980406

Abstract (en)

Arrangement for the supply (1) of the fuel provided by a fuel manifold (5) to which are connected a plurality of injectors (8) each of which is able to supply on demand a given quantity of fuel to a respective combustion chamber (2); the supply arrangement (1) also being provided with a pump (7) to transfer fuel from the reservoir (6) to the fuel manifold (5), a recirculation duct (10) each connecting together the output (7a) and the intake (7b) of the pump (7), a solenoid valve (12) with controlled opening and closing located along the recirculation duct (10), and a piloting unit able to control the solenoid valve (12) to regulate the flow of fuel along the recirculation duct (10) in such a manner as to control the fuel pressure inside the fuel manifold (5). <IMAGE>

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Citation (search report)

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