Title (en)

PROCESS AND DEVICE FOR MONITORING A FUEL METERING SYSTEM OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ÜBERWACHUNG EINES KRAFTSTOFFZUMESSSYSTEMS EINER BRENNKRAFTMASCHINE

Title (fr)

PROCEDE ET DISPOSITIF DE CONTROLE DU SYSTEME DE DOSAGE DE CARBURANT D'UN MOTEUR A COMBUSTION INTERNE

Publication

EP 0811116 B1 20000426 (DE)

Application

EP 96926997 A 19960718

Priority

• DE 9601349 W 19960718
• DE 19547647 A 19951220

Abstract (en)

[origin: DE19547647A1] The description relates to a process and a device for monitoring a fuel metering system of an internal combustion engine. The fuel is conveyed by a pump from a low-pressure to a high-pressure region and from there can be metered into the combustion chambers of the engine by means of injectors controllable in accordance with operative characteristics. A sensor provides a pressure signal characterising the pressure in the high-pressure region. The pressure signal is compared in predetermined operating conditions with an expected value and a faulty pressure signal is recognised depending on the comparison.

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