

Title (en)
PROCESS FOR OPERATING A FUEL INJECTION DEVICE

Title (de)
VERFAHREN ZUM BETRIEB EINER KRAFTSTOFFEINSPRITZEINRICHTUNG

Title (fr)
PROCEDE D'UTILISATION D'UN SYSTEME D'INJECTION DE CARBURANT

Publication
EP 0846222 A1 19980610 (DE)

Application
EP 97914154 A 19970214

Priority

- DE 9700293 W 19970214
- DE 19625487 A 19960626

Abstract (en)
[origin: US6119656A] A method for operating a fuel injection system, and a fuel injection system for performing the method, in which the fuel is delivered at high pressure to a high-pressure fuel reservoir, whose pressure is controlled by a pressure control valve. By detecting the fuel quantities delivered to the high-pressure fuel reservoir and withdrawn in order to regulate the fuel pressure, including any control quantities that may occur, for the fuel injection system, a balance for the fuel quantities can now be prepared. This balance, is performed by a control unit which can now be used in order to compare the desired, set-point injection quantity with the actually injected or unintentionally escaping fuel quantity, and if these quantities differ significantly, to make an intervention into the operation of the fuel injection system or to trip a signal device.

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