

Title (en)

METHOD AND DEVICE FOR MONITORING A FUEL METERING SYSTEM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ÜBERWACHUNG EINES KRAFTSTOFFZUMESSSYSTEMS

Title (fr)

PROCEDE ET DISPOSITIF DE SURVEILLANCE D'UN SYSTEME DE DOSAGE DE CARBURANT

Publication

**EP 1926900 B1 20160629 (DE)**

Application

**EP 06793414 A 20060911**

Priority

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Abstract (en)

[origin: WO2007031492A1] A device and a method for monitoring a fuel metering system are described, in which system fuel is fed from a low-pressure region into a high-pressure region. The pressure in the high-pressure region is sensed. A fault is detected on the basis of the pressure profile in the high-pressure region. The type of fault is detected on the basis of the shape of a pressure reduction curve. The profile of the pressure variable over time is approximated with a function such as a hyperbolic function. The type of fault is identified on the basis of the variable which characterizes the function.

IPC 8 full level

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