

Title (en)

METHOD AND DEVICE FOR CALIBRATING A PRESSURE SENSOR IN A FUEL METERING SYSTEM

Title (de)

VERFAHREN UND VORRICHTUNG ZUM KALIBRIEREN EINES DRUCKSENSORS IN EINEM KRAFTSTOFFZUMESSSYSTEM

Title (fr)

PROCEDE ET DISPOSITIF D'ETALONNAGE D'UN CAPTEUR DE PRESSION DANS UN SYSTEME DE DOSAGE DE CARBURANT

Publication

EP 1305508 A1 20030502 (DE)

Application

EP 01949265 A 20010616

Priority

- DE 0102242 W 20010616
- DE 10030935 A 20000624

Abstract (en)

[origin: WO0201057A1] The invention relates to the calibration of a pressure sensor in a fuel metering system, which permits the most exact compensation of the pressure sensor. The current cooling water temperature (Ta) of the internal combustion engine is thus recorded and the cooling water temperature drop (dT) is derived therefrom as a measure of the idle time of the internal combustion engine. The pressure sensor is then first adjusted when the idle time exceeds a given minimum amount (dT_u).

IPC 1-7

F02D 41/22

IPC 8 full level

F02D 45/00 (2006.01); **F02D 41/22** (2006.01); **F02D 41/24** (2006.01); **F02D 41/38** (2006.01); **F02D 41/04** (2006.01)

CPC (source: EP KR US)

F02D 41/22 (2013.01 - KR); **F02D 41/222** (2013.01 - EP US); **F02D 41/2441** (2013.01 - EP US); **F02D 41/2474** (2013.01 - EP US); **F02D 41/3836** (2013.01 - EP US); **F02D 41/042** (2013.01 - EP US); **F02D 2041/223** (2013.01 - EP US); **F02D 2200/0602** (2013.01 - EP US)

Citation (search report)

See references of WO 0201057A1

Cited by

US9551289B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 0201057 A1 20020103; DE 10030935 A1 20020103; DE 50108399 D1 20060119; EP 1305508 A1 20030502; EP 1305508 B1 20051214; JP 2004502070 A 20040122; KR 20020033768 A 20020507; US 2002170542 A1 20021121; US 6705296 B2 20040316

DOCDB simple family (application)

DE 0102242 W 20010616; DE 10030935 A 20000624; DE 50108399 T 20010616; EP 01949265 A 20010616; JP 2002506356 A 20010616; KR 20027002353 A 20020223; US 6921302 A 20020708