Title (en)

METHOD FOR DETERMINING AN OVER-PRESSURE IN A FUEL STORAGE MEANS OF AN INJECTION SYSTEM OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN ZUM BESTIMMEN EINES ÜBERDRUCKS IN EINEM KRAFTSTOFFSPEICHER EINES EINSPRITZSYSTEMS EINER BRENNKRAFTMASCHINE

Title (fr)

PROCÉDÉ POUR DÉTERMINER UNE SURPRESSION DANS UN RÉSERVOIR DE CARBURANT D'UN SYSTÈME D'INJECTION D'UN MOTEUR À COMBUSTION INTERNE

Publication

EP 2271833 A1 20110112 (DE)

Application

EP 08874101 A 20081218

Priority

- EP 2008067912 W 20081218
- DE 102008001444 A 20080429

Abstract (en)

[origin: US2011166803A1] A method for determining an overpressure in a fuel reservoir of an injection system of an internal combustion engine, in particular in a common rail of a common rail system, the pressure in the fuel reservoir being sensed, an overpressure in the fuel reservoir being identified if the derivative of the sensed pressure over time exceeds a predetermined slope threshold value and the sensed pressure then exceeds a predetermined pressure threshold value.

IPC 8 full level

F02D 41/38 (2006.01); **F02M 63/02** (2006.01)

CPC (source: EP US)

F02D 41/3836 (2013.01 - EP US); F02D 2200/0602 (2013.01 - EP US); F02M 63/023 (2013.01 - EP US)

Citation (search report)

See references of WO 2009132721A1

Cited by

DE102017204827B4; DE102018206826A1; DE102017204827A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

US 2011166803 A1 20110707; AT E527441 T1 20111015; CN 102016276 A 20110413; CN 102016276 B 20140312; DE 102008001444 A1 20091105; EP 2271833 A1 20110112; EP 2271833 B1 20111005; KR 101519181 B1 20150511; KR 20110008197 A 20110126; WO 2009132721 A1 20091105

DOCDB simple family (application)

US 98990808 A 20081218; AT 08874101 T 20081218; CN 200880128907 A 20081218; DE 102008001444 A 20080429; EP 08874101 A 20081218; EP 2008067912 W 20081218; KR 20107024184 A 20081218