

Title (en)

METHOD AND DEVICE FOR MONITORING A FUEL INJECTION SYSTEM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ÜBERWACHUNG EINES KRAFTSTOFFEINSPRITZSYSTEMS

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR SURVEILLER UN SYSTÈME D'INJECTION DE CARBURANT

Publication

EP 2076667 B1 20121114 (DE)

Application

EP 07803190 A 20070904

Priority

- EP 2007059212 W 20070904
- DE 102006046840 A 20061002

Abstract (en)

[origin: DE102006046840A1] Process for monitoring a fuel injection system recognizes an error when a first value (M0) and/or a second value (M1, M2) deviate from an expected value. A correcting variable is changed by a certain amount and the first value of a measurable variable is determined before the change and at least one second value after the change. An independent claim is also included for a device used for monitoring a fuel injection system. Preferred Features: The correcting variable influences the start of injection. The measurable variable is the speed or a variable concerning the moment produced by the internal combustion engine (100).

IPC 8 full level

F02D 41/14 (2006.01); **F02D 41/22** (2006.01); **F02D 41/30** (2006.01)

CPC (source: EP US)

F02D 35/023 (2013.01 - EP US); **F02D 35/027** (2013.01 - EP US); **F02D 41/221** (2013.01 - EP US); **F02D 41/1497** (2013.01 - EP US);
F02D 41/30 (2013.01 - EP US); **F02D 41/3809** (2013.01 - EP US); **F02D 2041/224** (2013.01 - EP US); **F02D 2041/288** (2013.01 - EP US);
F02D 2200/0602 (2013.01 - EP US); **F02D 2200/1012** (2013.01 - EP US); **F02D 2250/14** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102006046840 A1 20080403; CN 101523037 A 20090902; CN 101523037 B 20130327; EP 2076667 A1 20090708;
EP 2076667 B1 20121114; US 2010050755 A1 20100304; US 8166806 B2 20120501; WO 2008040605 A1 20080410

DOCDB simple family (application)

DE 102006046840 A 20061002; CN 200780037056 A 20070904; EP 07803190 A 20070904; EP 2007059212 W 20070904;
US 30516707 A 20070904