

Title (en)

Method and device for testing a pressure sensor of a fuel injection device

Title (de)

Verfahren und Vorrichtung zur Überprüfung eines Drucksensors einer Kraftstoffeinspritzeinrichtung

Title (fr)

Procédé et dispositif de vérification d'un capteur de pression d'un dispositif d'injection de carburant

Publication

EP 2184473 A3 20140129 (DE)

Application

EP 09170017 A 20090911

Priority

DE 102008043592 A 20081110

Abstract (en)

[origin: EP2184473A2] The method involves assigning a pressure accumulator of a fuel injection device to a pressure sensor (S) and an injection valve. A fuel amount (Q) is injected into the injection valve below a stationary adjustable pressure (p1) in the pressure accumulator. A pressure difference (deltap1), which is developed by a pressure drop based on the injection process, is determined depending on the stationary adjustable pressure and the injected fuel amount. An independent claim is also included for a device for testing a pressure sensor of a fuel injection device of a motor vehicle.

IPC 8 full level

F02D 41/22 (2006.01); **F02D 41/38** (2006.01)

CPC (source: EP US)

F02D 41/222 (2013.01 - EP US); **F02D 41/3836** (2013.01 - EP US); **F02D 2041/223** (2013.01 - EP US)

Citation (search report)

- [I] DE 19757655 A1 19990826 - SIEMENS AG [DE]
- [I] EP 1526269 A2 20050427 - SIEMENS AG [DE]
- [X] JP H112148 A 19990106 - TOYOTA MOTOR CORP

Cited by

CN107636283A; US10378474B2; WO2016155986A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2184473 A2 20100512; EP 2184473 A3 20140129; DE 102008043592 A1 20100512; US 2010121600 A1 20100513

DOCDB simple family (application)

EP 09170017 A 20090911; DE 102008043592 A 20081110; US 61544009 A 20091110