

Title (en)

METHOD FOR THE DIAGNOSIS OF A SHUT-OFF VALVE

Title (de)

VERFAHREN ZUR DIAGNOSE EINES ABSPERRVENTILS

Title (fr)

PROCÉDÉ DE DIAGNOSTIC D'UNE SOUPAPE D'ARRÊT

Publication

**EP 2132473 A1 20091216 (DE)**

Application

**EP 08708931 A 20080213**

Priority

- EP 2008051707 W 20080213
- DE 102007015783 A 20070330

Abstract (en)

[origin: WO2008119588A1] The invention relates to a method for the diagnosis of a shut-off valve (400, 500, 510) in a fuel line (50), wherein the shut-off valve is disposed in the fuel line between at least one reservoir and at least one injection valve (70), wherein the shut-off valve is closed for the diagnosis, and fuel is removed via an injection valve for the operation of an internal combustion engine. The shut-off effect of the shut-off valves is determined to be insufficient if the pressure in the fuel line does not drop in an unexpected manner.

IPC 8 full level

**F16K 37/00** (2006.01)

CPC (source: EP KR)

**F02D 19/025** (2013.01 - EP); **F02D 41/221** (2013.01 - EP); **F02M 21/0242** (2013.01 - EP); **F02M 37/00** (2013.01 - KR); **F16K 37/00** (2013.01 - KR);  
**F16K 37/0091** (2013.01 - EP); **G01M 3/2876** (2013.01 - EP); **F02D 41/0027** (2013.01 - EP); **F02M 21/0206** (2013.01 - EP);  
**F02M 21/0215** (2013.01 - EP); **Y02T 10/30** (2013.01 - EP); **Y02T 10/40** (2013.01 - EP)

Citation (search report)

See references of WO 2008119588A1

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

DOCDB simple family (publication)

**DE 102007015783 A1 20081002**; BR PI0808027 A2 20140617; CN 101646892 A 20100210; EP 2132473 A1 20091216;  
JP 2010521625 A 20100624; KR 20100014658 A 20100210; RU 2009139911 A 20110510; WO 2008119588 A1 20081009

DOCDB simple family (application)

**DE 102007015783 A 20070330**; BR PI0808027 A 20080213; CN 200880010639 A 20080213; EP 08708931 A 20080213;  
EP 2008051707 W 20080213; JP 2010500167 A 20080213; KR 20097020313 A 20080213; RU 2009139911 A 20080213