Title (en)
METHOD AND DEVICE FOR THE DIAGNOSIS OF A FUEL SUPPLY SYSTEM

Title (de)
VERFAHREN UND VORRICHTUNG ZUR DIAGNOSE EINES KRAFTSTOFFVERSORGUNGSSYSTEMS

Title (fr)
PROCEDE ET DISPOSITIF DESTINE AU DIAGNOSTIC D'UN SYSTEME D'ALIMENTATION DE CARBURANT

Publication
**EP 1226355 A1 20020731 (DE)**

Application
**EP 00984821 A 20001007**

Priority
• DE 0003531 W 20001007
• DE 19950222 A 19991019

Abstract (en)
[origin: DE19950222A1] A procedure for the diagnosis of a fuel supply system of an IC engine has the following steps: - recording of the variation of the fuel pressure in the fuel supply system (2); - formation of the frequency spectrum of the fuel pressure variation; and - analysis of the frequency spectrum (4,5). The analysis of the frequency spectrum comprises the following steps: - comparison of the variation of the recorded frequency spectrum with the variation of the frequency spectrum of a fuel system working in fault-free fashion; and - should discrepancies between the variations of frequency spectra be present, classification of the discrepancies according to the type of fault in the fuel supply system by which they are generated.

IPC 1-7
**F02M 65/00**; F02D 41/22

IPC 8 full level
**F02D 41/22** (2006.01); **F02D 41/38** (2006.01); **F02M 65/00** (2006.01)

CPC (source: EP KR US)
**F02D 41/221** (2013.01 - EP US); **F02D 41/3809** (2013.01 - EP US); **F02M 65/00** (2013.01 - EP KR US); F02D 2041/1432 (2013.01 - EP US); F02D 2041/1433 (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 2200/0604 (2013.01 - EP US)

Citation (search report)
See references of WO 0129411A1

Cited by
CN102007288A; WO2009127510A1; DE102008001182A1; US8515693B2

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DE FR

DOCDB simple family (publication)
**DE 19950222 A1 20010426**; DE 50011078 D1 20051006; EP 1226355 A1 20020731; EP 1226355 B1 20050831; JP 2003512566 A 20030402; KR 100668576 B1 20070118; KR 20020038957 A 20020524; US 6901791 B1 20050607; WO 0129411 A1 20010426

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**DE 19950222 A 19991019**; DE 0003531 W 20001007; DE 50011078 T 20001007; EP 00984821 A 20001007; JP 2001531975 A 20001007; KR 20027004936 A 20020418; US 11097902 A 20020509