

Title (en)
SYSTEM FOR OPERATING AN INTERNAL COMBUSTION ENGINE, ESPECIALLY AN INTERNAL COMBUSTION ENGINE OF AN AUTOMOBILE

Title (de)
SYSTEM ZUM BETREIBEN EINER BRENNKRAFTMASCHINE, INSBESONDERE EINES KRAFTFAHRZEUGS

Title (fr)
SYSTEME POUR FAIRE FONCTIONNER UN MOTEUR A COMBUSTION INTERNE, NOTAMMENT D'UN VEHICULE AUTOMOBILE

Publication
EP 1157201 B1 20031126 (DE)

Application
EP 99973747 A 19990910

Priority

- DE 9902958 W 19990910
- DE 19908352 A 19990226

Abstract (en)
[origin: DE19908352A1] The invention relates to a method for operating a fuel supply system of an internal combustion engine, especially an internal combustion engine of an automobile. According to said method, fuel is conveyed into a storage chamber (17) and a pressure is generated in said storage chamber (17) by means of a pump (12,16). An actual value of this pressure is measured by a pressure sensor (21). The pressure in the storage chamber is then controlled and regulated to a desired value, any defect in the fuel supply system (10) being detected by a plausibility check. In the event that a defect is detected in the fuel supply system (10), a diagnosis cycle of the internal combustion engine is initiated, hereby activating diagnosis functions which test the operativeness of the individual components (18, 19, 21) of the fuel supply system (10).

IPC 1-7
F02D 41/22; **F02D 41/38**

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

CPC (source: EP KR US)
F02D 41/22 (2013.01 - EP KR US); **F02D 41/3836** (2013.01 - EP US); **F02D 41/3845** (2013.01 - EP US); **F02D 41/3863** (2013.01 - EP US); **F02D 2041/223** (2013.01 - EP US); **F02D 2041/224** (2013.01 - EP US); **F02D 2041/225** (2013.01 - EP US); **F02D 2041/227** (2013.01 - EP US)

Designated contracting state (EPC)
DE ES FR IT

DOCDB simple family (publication)
DE 19908352 A1 20000831; DE 59907898 D1 20040108; EP 1157201 A1 20011128; EP 1157201 B1 20031126; ES 2212682 T3 20040716; JP 2002538368 A 20021112; KR 100669293 B1 20070117; KR 20020005600 A 20020117; US 6474292 B1 20021105; WO 0052319 A1 20000908

DOCDB simple family (application)
DE 19908352 A 19990226; DE 59907898 T 19990910; DE 9902958 W 19990910; EP 99973747 A 19990910; ES 99973747 T 19990910; JP 2000602513 A 19990910; KR 20017010907 A 20010825; US 91435702 A 20020125