

Title (en)

METHOD AND DEVICE FOR OPERATING A FUEL DELIVERY DEVICE OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BETREIBEN EINER KRAFTSTOFFFÖRDEREINRICHTUNG EINER BRENNKRAFTMASCHINE

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR FAIRE FONCTIONNER UN DISPOSITIF D'ALIMENTATION EN CARBURANT D'UN MOTEUR À COMBUSTION INTERNE

Publication

**EP 2724011 A1 20140430 (DE)**

Application

**EP 12718201 A 20120502**

Priority

- DE 102011077991 A 20110622
- EP 2012057985 W 20120502

Abstract (en)

[origin: WO2012175247A1] The invention relates to a method for operating a fuel delivery device (1) of an internal combustion engine, in which method an electromagnetic actuating device (9) of a volume control valve (10) is switched such as to set a delivery volume, wherein an intensity of an energy that is supplied to the electromagnetic actuating device (9) for switching purposes, in particular of a current (I) supplied to the electromagnetic actuating device (9) and/or a level of a voltage applied to the electromagnetic actuating device (9), depends at least intermittently on a rotational speed (72) of the internal combustion engine.

IPC 8 full level

**F02D 41/38** (2006.01)

CPC (source: EP KR US)

**F02D 41/00** (2013.01 - KR); **F02D 41/30** (2013.01 - US); **F02D 41/38** (2013.01 - KR); **F02D 41/3845** (2013.01 - EP US)

Citation (search report)

See references of WO 2012175247A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 102011077991 A1 20121227**; CN 103635680 A 20140312; CN 103635680 B 20180116; EP 2724011 A1 20140430;  
EP 2724011 B1 20200930; JP 2014517212 A 20140717; JP 5959636 B2 20160802; KR 101898880 B1 20180914; KR 20140035947 A 20140324;  
US 2014311456 A1 20141023; US 9777662 B2 20171003; WO 2012175247 A1 20121227

DOCDB simple family (application)

**DE 102011077991 A 20110622**; CN 201280030465 A 20120502; EP 12718201 A 20120502; EP 2012057985 W 20120502;  
JP 2014516235 A 20120502; KR 20137033947 A 20120502; US 201214128599 A 20120502