

Title (en)

Method and device for controlling of fuel metering in at least one combustion chamber of an internal combustion engine

Title (de)

Verfahren und Vorrichtung zur Steuerung der Kraftstoffzumessung in wenigstens einen Brennraum einer Brennkraftmaschine

Title (fr)

Procédé et dispositif de commande du carburant fourni au moins à une chambre de combustion d'un moteur thermique

Publication

EP 1712768 A3 20080820 (DE)

Application

EP 06111775 A 20060327

Priority

DE 102005016809 A 20050412

Abstract (en)

[origin: EP1712768A2] The method involves providing a control quantity which specifies the fuel injection quantity in the engine, based on the operating parameters. A corrector (140) provides correction values (K) for correcting the control quantity based on the value which characterizes the cylinder pressure. The value is measured by a sensor using the temperature, revolution speed and/or fuel injection quantity of the engine. An independent claim is also included for a device for controlling the fuel metering in a combustion chamber of an internal combustion engine.

IPC 8 full level

F02D 41/38 (2006.01); **F02D 35/02** (2006.01)

CPC (source: EP)

F02D 35/023 (2013.01); **F02D 41/38** (2013.01); **F02D 2200/0402** (2013.01); **F02D 2200/0406** (2013.01); **F02D 2200/0414** (2013.01)

Citation (search report)

- [X] EP 1318288 A2 20030611 - DENSO CORP [JP]
- [X] WO 2005031139 A1 20050407 - TOYOTA MOTOR CO LTD [JP], et al
- [X] US 5950598 A 19990914 - WENZLAWSKI KLAUS [DE], et al
- [X] EP 1350941 A1 20031008 - TOYOTA MOTOR CO LTD [JP], et al

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DE102008042933B4; EP1959118A3; FR2922266A1; EP2166215A1; WO2007141099A1; DE102008042933A1; US7769535B2

Designated contracting state (EPC)

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Designated extension state (EPC)

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