

Title (en)

METHOD TO CONTROL REGULATION PARAMETERS IN INTERNAL COMBUSTION ENGINE WITH SPARK-IGNITION

Title (de)

VERFAHREN ZUR STEUERUNG VON REGELPARAMETERN IN EINEM VERBRENNUNGSMOTOR MIT FUNKENZÜNDUNG

Title (fr)

PROCÉDÉ POUR COMMANDER DES PARAMÈTRES DE RÉGULATION DANS UN MOTEUR À COMBUSTION INTERNE AVEC ALLUMAGE COMMANDÉ

Publication

**EP 3090166 A1 20161109 (EN)**

Application

**EP 14816373 A 20141105**

Priority

- PL 40591713 A 20131105
- IB 2014002339 W 20141105

Abstract (en)

[origin: WO2015068015A1] Method to control regulation parameters in internal combustion engine with. spark-ignition, comprising concurrent ignition advance angle and fuel dose control, characterized in that the temperature of exhaust gas is measured in the exhaust duct of each cylinder individually, and on the base of temperature measurement, the ignition advance angle value and fuel dose are adjusted individually for each cylinder in order to maintain required engine working parameters with changes in energetic properties of the supplied fuel.

IPC 8 full level

**F02D 41/00** (2006.01); **F02D 37/02** (2006.01); **F02D 41/02** (2006.01); **F02D 41/14** (2006.01); **F02P 5/04** (2006.01)

CPC (source: EP)

**F02D 37/02** (2013.01); **F02D 41/008** (2013.01); **F02D 41/0235** (2013.01); **F02D 41/1446** (2013.01); **F02P 5/045** (2013.01); **F02P 5/1512** (2013.01); **F02P 5/152** (2013.01); **Y02T 10/40** (2013.01)

Citation (search report)

See references of WO 2015068015A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2015068015 A1 20150514**; EP 3090166 A1 20161109; PL 222462 B1 20160729; PL 405917 A1 20150511

DOCDB simple family (application)

**IB 2014002339 W 20141105**; EP 14816373 A 20141105; PL 40591713 A 20131105