

Title (en)

METHOD FOR REGULATING THE COMBUSTION POSITION IN AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN ZUR REGELUNG DER VERBRENNUNGSLAGE BEI EINER BRENNKRAFTMASCHINE

Title (fr)

PROCEDE DE REGLAGE DE LA POSITION DE COMBUSTION DANS UN MOTEUR A COMBUSTION INTERNE

Publication

**EP 2193265 B1 20111026 (DE)**

Application

**EP 08803215 A 20080826**

Priority

- EP 2008061122 W 20080826
- AT 14372007 A 20070913

Abstract (en)

[origin: WO2009037070A1] The invention relates to a method for regulating the combustion position in an internal combustion engine having a plurality of cylinders, in particular a diesel internal combustion engine, wherein at least one engine operating parameter is detected. In order to make accurate combustion-position regulation possible with low expenditure, there is provision for a cylinder-selective combustion-position model (15) to be provided which is arithmetic or based on characteristic curves and produces a relationship between at least one determined engine operating parameter and the combustion position, and for the combustion position to be determined on the basis of the determined engine operating parameter by means of the combustion-position model (15) for each cylinder (x).

IPC 8 full level

**F02D 35/02** (2006.01)

CPC (source: EP US)

**F02D 35/023** (2013.01 - EP US); **F02D 35/028** (2013.01 - EP US); **F02D 2041/1433** (2013.01 - EP US); **F02D 2041/281** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2009037070 A1 20090326**; AT 503739 A2 20071215; AT 503739 A3 20081115; AT 503739 B1 20090715; AT E530752 T1 20111115; CN 101802374 A 20100811; CN 101802374 B 20130306; EP 2193265 A1 20100609; EP 2193265 B1 20111026; US 2010241334 A1 20100923; US 8396648 B2 20130312

DOCDB simple family (application)

**EP 2008061122 W 20080826**; AT 08803215 T 20080826; AT 14372007 A 20070913; CN 200880106711 A 20080826; EP 08803215 A 20080826; US 73368408 A 20080826