

Title (en)

METHOD OF CONTROLLING INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN ZUR STEUERUNG EINES VERBRENNUNGSMOTORS

Title (fr)

PROCÉDÉ DE COMMANDE DE MOTEUR À COMBUSTION INTERNE

Publication

EP 2085592 A4 20091216 (EN)

Application

EP 07807736 A 20070921

Priority

- JP 2007068404 W 20070921
- JP 2006310807 A 20061116
- JP 2006310808 A 20061116
- JP 2006310809 A 20061116

Abstract (en)

[origin: EP2085592A1] A method for controlling an internal combustion engine, in which a traveling with reduced cylinders is controlled according to the idle-speed after the engine starting, so as to restrain the discharge of white smokes at the time lag for temperature equilibration soon after a cold starting. The method comprises a coolant water temperature detecting means 10 for detecting the coolant water temperature in the internal combustion engine 1, a rotation speed detecting means 12 for detecting the rotation speed of the internal combustion engine 1 and a control means for controlling the operation of the internal combustion engine 1 in accordance with the coolant water temperature and the rotation speed. When the internal combustion engine is evaluated that it is at the cold starting and the rotation speed reaches the predetermined rotation speed after the engine starting, a traveling with reduces cylinders is performed, which reduces the number of cylinders injecting fuels for a certain period of time.

IPC 8 full level

F02D 17/02 (2006.01); **F02D 9/04** (2006.01); **F02D 41/00** (2006.01); **F02D 41/06** (2006.01); **F02D 41/38** (2006.01); **F02D 43/00** (2006.01); **F02D 45/00** (2006.01)

CPC (source: EP KR)

F02D 9/02 (2013.01 - KR); **F02D 9/04** (2013.01 - EP KR); **F02D 17/02** (2013.01 - EP KR); **F02D 41/0087** (2013.01 - EP); **F02D 41/04** (2013.01 - KR); **F02D 41/064** (2013.01 - EP); **F02D 41/061** (2013.01 - EP); **F02D 41/401** (2013.01 - EP); **F02D 41/402** (2013.01 - EP); **F02D 41/403** (2013.01 - EP); **F02D 2041/389** (2013.01 - EP)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2085592 A1 20090805; EP 2085592 A4 20091216; EP 2085592 B1 20110427; AT E507380 T1 20110515; DE 602007014251 D1 20110609; KR 101115106 B1 20120309; KR 20090084902 A 20090805; WO 2008059663 A1 20080522

DOCDB simple family (application)

EP 07807736 A 20070921; AT 07807736 T 20070921; DE 602007014251 T 20070921; JP 2007068404 W 20070921; KR 20097010949 A 20070921