Title (en)

Method for operating a multi-cylinder internal combustion engine with NOx-catalyst

Title (de)

Verfahren zum Betreiben einer mehrzylindrigen Brennkraftmaschine mit einem NOx-Speicherkatalysator

Title (fr)

Procédé de gestion du fonctionnement d'un moteur à combustion interne multi-cylindres avec catalysateur d'accumulation de NOx

Publication

EP 1422410 A3 20041215 (DE)

Application

EP 03015856 A 20030711

Priority

DE 10254683 A 20021122

Abstract (en)

[origin: EP1422410A2] Process for operating a multi-cylinder IC engine comprises not allowing a lambda degree of effectiveness of the cylinders of the engine operating with a lean or stoichiometric air-fuel ratio to exceed a prescribed gradient during the transition from the normal operation to the heating region or from the heating region into the normal region. Independent claims are also included for the following: (1) Control device used in the above process; and (2) Computer program which can be loaded on a microprocessor.

IPC 1-7

F02D 41/02; F02D 41/34

IPC 8 full level

F01N 3/08 (2006.01); **F02D 41/00** (2006.01); **F02D 41/02** (2006.01); **F02D 41/34** (2006.01); F01N 13/02 (2010.01); F01N 13/04 (2010.01); F02D 41/14 (2006.01)

CPC (source: EP)

F01N 3/0814 (2013.01); **F01N 3/0842** (2013.01); **F01N 3/0885** (2013.01); **F01N 13/009** (2014.06); **F01N 13/011** (2014.06); **F02D 41/0082** (2013.01); **F02D 41/028** (2013.01); F01N 2570/04 (2013.01); F02D 41/1454 (2013.01); F02D 2250/21 (2013.01)

Citation (search report)

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EP 1422410 A2 20040526; **EP 1422410 A3 20041215**; **EP 1422410 B1 20190522**; DE 10254683 A1 20040603

DOCDB simple family (application)

EP 03015856 A 20030711; DE 10254683 A 20021122