

Title (en)

METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE IN PARTICULAR IN A MOTOR VEHICLE

Title (de)

VERFAHREN ZUM BETREIBEN EINER BRENNKRAFTMASCHINE INSbesondere EINES KRAFTFAHRZEUGS

Title (fr)

PROCEDE D'UTILISATION D'UN MOTEUR A COMBUSTION INTERNE EN PARTICULIER D'UN VEHICULE MOTORISE

Publication

EP 1264094 A2 20021211 (DE)

Application

EP 00991124 A 20001223

Priority

- DE 0004655 W 20001223
- DE 19963936 A 19991231

Abstract (en)

[origin: WO0149983A2] An internal combustion engine (1), in particular, for a motor vehicle, is disclosed, comprising a catalyst (12), which can be treated with nitrogen oxides. A lambda probe (13) is provided, for the measurement of oxygen concentration after the catalyst (12). The nitrogen oxides which are fed to the catalyst (12) may be increased by a controller (18) and, by means of an increase in the oxygen content after the catalyst (12), the conversion efficiency of the catalyst (12) may be determined.

IPC 1-7

F02D 41/02; F02D 41/14; F01N 11/00

IPC 8 full level

F02D 45/00 (2006.01); **F01N 3/20** (2006.01); **F01N 11/00** (2006.01); **F02D 41/02** (2006.01); **F02D 41/14** (2006.01); **F01N 3/08** (2006.01)

CPC (source: EP KR US)

F01N 3/0842 (2013.01 - EP US); **F01N 11/007** (2013.01 - EP US); **F02D 41/02** (2013.01 - KR); **F02D 41/0275** (2013.01 - EP US);
F02D 41/1408 (2013.01 - EP US); **F01N 2570/14** (2013.01 - EP US); **F02D 2200/0811** (2013.01 - EP US); **Y02A 50/20** (2017.12 - EP US);
Y02T 10/40 (2013.01 - EP US)

Citation (search report)

See references of WO 0149983A2

Designated contracting state (EPC)

DE FR IT SE

DOCDB simple family (publication)

WO 0149983 A2 20010712; WO 0149983 A3 20020214; CN 1415050 A 20030430; DE 19963936 A1 20010712; EP 1264094 A2 20021211;
JP 2003519316 A 20030617; KR 20030007391 A 20030123; US 2003136114 A1 20030724

DOCDB simple family (application)

DE 0004655 W 20001223; CN 00818067 A 20001223; DE 19963936 A 19991231; EP 00991124 A 20001223; JP 2001549895 A 20001223;
KR 20027008295 A 20020626; US 16916902 A 20021105