

Title (en)

METHOD AND DEVICE FOR OPERATING AN EXHAUST-GAS AFTERTREATMENT SYSTEM

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BETRIEB EINER ABGASNACHBEHANDLUNGSANLAGE

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR FAIRE FONCTIONNER UN SYSTÈME DE RETRAITEMENT DE GAZ D'ÉCHAPPEMENT

Publication

EP 2024615 A1 20090218 (DE)

Application

EP 07725572 A 20070525

Priority

- EP 2007004676 W 20070525
- DE 102006025050 A 20060527

Abstract (en)

[origin: DE102006025050A1] In a process to operate an automotive exhaust system (1), oxygen is fed to and surrendered from a holder (8) to an exhaust gas treatment unit (7). In the process, a quantity of oxygen is determined within the oxygen holder and is used to modify the rich/lean cycle in accordance with the varying quantity of oxygen so determined. The quantity of oxygen is determined within the oxygen holder and is used as a parameter for setting the rich/lean cycle. The cyclical change in the quantity of oxygen stored is used to influence the the exhaust gas temperature or the oxygen storage unit. Further claimed is an automotive exhaust gas treatment assembly in which the temperature is regulated in the oxygen holder (8), and/or sulfur is removed without interruption during the switch between lean and rich operation.

IPC 8 full level

F01N 3/023 (2006.01); **F01N 3/08** (2006.01); **F01N 11/00** (2006.01); **F02D 41/14** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2007137783A1

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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