

Title (en)

Controlling method for an automotive engine with NOx storage catalyst

Title (de)

Verfahren zum Betreiben eines Kraftfahrzeuges mit NOx-Speicherkatalysator

Title (fr)

Mode de commande d'un véhicule automobile avec un catalyseur accumulateur de NOx

Publication

EP 1367245 A3 20060614 (DE)

Application

EP 03005886 A 20030317

Priority

DE 10223595 A 20020527

Abstract (en)

[origin: EP1367245A2] The process for operating a vehicle having a lean running engine comprises forming a status signal depending on the value of the variable quantity, storing and displaying the status signal for introducing an operating method of the engine for passive desulfurization of the catalyst, and adjusting the engine to an operating method. The engine is operated at a lambda value of less than 1 depending on the value of the variable quantity. The degree of activity of the engine is decreased by not more than 3 %, preferably 2 %, especially 1 % or 0 %, especially at an operating point which corresponds with a constant journey on the flat at a 20degrees C external temperature.

IPC 8 full level

F02D 41/02 (2006.01); **F01N 11/00** (2006.01)

CPC (source: EP)

F02D 41/028 (2013.01); **F02D 2200/0806** (2013.01); **F02D 2200/0811** (2013.01); **F02D 2200/501** (2013.01)

Citation (search report)

- [DXY] EP 0860595 A1 19980826 - FORD GLOBAL TECH INC [US]
- [Y] DE 19843859 A1 20000330 - BOSCH GMBH ROBERT [DE]
- [X] DE 19816276 A1 19991014 - AUDI AG [DE]
- [A] DE 10047809 A1 20020523 - VOLKSWAGEN AG [DE]
- [A] DE 19850757 A1 20000217 - VOLKSWAGEN AG [DE]
- [A] EP 0987408 A2 20000322 - DAIMLER CHRYSLER AG [DE]

Cited by

EP2868885A4; DE102015016525A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1367245 A2 20031203; EP 1367245 A3 20060614; DE 10223595 A1 20031211

DOCDB simple family (application)

EP 03005886 A 20030317; DE 10223595 A 20020527