

Title (en)

Method for regulating the regeneration of a NOx storage catalyst

Title (de)

Verfahren zur Regelung einer NOx-Regeneration eines NOx-Speicherkatalysators

Title (fr)

Procédé de réglage de la régénération d'un catalyseur d'accumulation de NOx

Publication

EP 1188915 A3 20040107 (DE)

Application

EP 01119751 A 20010828

Priority

DE 10045610 A 20000915

Abstract (en)

[origin: EP1188915A2] A process for controlling nitrogen oxide (NOx) regeneration in a NOx storage catalyst, located in the exhaust gas of a lean burn combustion engine, comprises establishing the catalyst damage and then controlling the flow of a reducing agent during regeneration. Regeneration is stopped once a voltage threshold in an exhaust gas probe downstream of the catalyst has been reached.

IPC 1-7

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

IPC 8 full level

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CPC (source: EP)

F01N 3/0842 (2013.01); **F02D 41/0275** (2013.01); **F02D 41/1441** (2013.01); **F02D 41/146** (2013.01); **F02D 41/1463** (2013.01); **F02D 2200/0808** (2013.01)

Citation (search report)

- [X] EP 0928890 A2 19990714 - DEGUSSA [DE]
- [X] WO 9935386 A1 19990715 - FORD GLOBAL TECH INC [US], et al
- [A] DE 19918875 A1 19991028 - DENSO CORP [JP]
- [A] EP 0903479 A2 19990324 - TOYOTA MOTOR CO LTD [JP]

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EP1475636A1; WO2008029256A3

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1188915 A2 20020320; **EP 1188915 A3 20040107**; **EP 1188915 B1 20051116**; DE 10045610 A1 20020418; DE 50108067 D1 20051222

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