

Title (en)

Method and device for purification of exhaust gases

Title (de)

Verfahren und Vorrichtung zur Abgasreinigung

Title (fr)

Procédé et dispositif pour la purification des gaz d'échappement

Publication

EP 1138898 B1 20050615 (DE)

Application

EP 01250100 A 20010321

Priority

DE 10015330 A 20000328

Abstract (en)

[origin: EP1138898A2] Process for purifying IC engine exhaust gases comprises terminating a NO_x regeneration depending on one of the NO_x storage catalysts (3, 4); and measuring a condition parameter value characteristic for the termination of the NO_x regeneration. An Independent claim is also included for an apparatus for purifying IC engine exhaust gases comprising an engine control unit (5) having a controller (6) for terminating the NO_x regeneration. Preferred Features: The exhaust gas branches are brought together at a connecting point downstream of the NO_x storage catalysts and upstream of a connected oxidation catalyst.

IPC 1-7

F02D 41/02; **F02D 41/14**

IPC 8 full level

F02D 41/02 (2006.01); **F02D 41/14** (2006.01); **F01N 3/08** (2006.01)

CPC (source: EP)

F01N 3/0842 (2013.01); **F02D 41/0275** (2013.01); **F02D 41/1441** (2013.01); **F02D 41/1454** (2013.01); **F02D 41/146** (2013.01)

Cited by

US2011088377A1; FR2868129A1; EP1529944A1; EP1445441A1

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 1138898 A2 20011004; **EP 1138898 A3 20031105**; **EP 1138898 B1 20050615**; AT E298041 T1 20050715; DE 10015330 A1 20020221; DE 50106491 D1 20050721

DOCDB simple family (application)

EP 01250100 A 20010321; AT 01250100 T 20010321; DE 10015330 A 20000328; DE 50106491 T 20010321