

Title (en)

Controller and method for controlling a NOX-sensor arranged in an exhaust gas channel of an internal combustion engine

Title (de)

Regler und Verfahren zur Regelung eines in einem Abgaskanal einer Verbrennungskraftmaschine angeordneten NOx-Sensors

Title (fr)

Unité de commande et méthode de commande d'un détecteur de NOx placé dans la conduite des gaz d'échappement d'un moteur à combustion interne

Publication

EP 1413728 B1 20141015 (DE)

Application

EP 03090353 A 20031017

Priority

DE 10250219 A 20021023

Abstract (en)

[origin: EP1413728A2] Operation of an exhaust gas sensor in an internal combustion engine exhaust involves control of the operating parameters of the sensor by use of model-based control and/or of exhaust gas-dependent pre-control. An Independent claim is also included for a device for controlling the operating parameters in the exhaust, the device being formed as a model-based control with structure determined by a model of the controlled system.

IPC 8 full level

F02D 41/14 (2006.01)

CPC (source: EP)

F02D 41/1401 (2013.01); **F02D 41/146** (2013.01); **F02D 41/1494** (2013.01); **F02D 2041/141** (2013.01); **F02D 2041/1433** (2013.01)

Cited by

CN113294227A; WO2013079839A1; US8573190B2; WO2009016097A1; WO2017144222A1; EP2650516A1

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 1413728 A2 20040428; **EP 1413728 A3 20080305**; **EP 1413728 B1 20141015**; DE 10250219 A1 20040506

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