

Title (en)

Method for operating an exhaust gas purification system

Title (de)

Verfahren zum Betrieb eines Abgasreinigungssystem

Title (fr)

Procédé de fonctionnement d'un système de purification de gaz d'échappement

Publication

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Application

EP 05105379 A 20050617

Priority

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Abstract (en)

[origin: EP1734240A1] The invention concerns a method for operating an exhaust gas purification system, said system comprising a controllable internal combustion engine adapted to predominantly operate under lean conditions, and a NO_x-adsorbing unit capable of storing NO_x during lean conditions and converting NO_x into N₂ during rich or stoichiometric conditions, said system having a capability of oxidizing HC and CO and reducing NO_x under stoichiometric conditions. The invention is characterized in that the method comprises the steps of determining a representation of a mass flow of NO_x in the exhaust gas and a current storage capacity of the NO_x-adsorbing unit, and switching engine operation mode between lean conditions and stoichiometric conditions depending on the representation of the NO_x mass flow in the exhaust gas and the current storage capacity of the NO_x-adsorbing unit.

IPC 8 full level

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