

Title (en)

METHOD OF MONITORING THE EFFECTIVENESS OF A CATALYTIC CONVERTER STORING THE NOXs LOCATED IN AN EXHAUST LINE OF AN INTERNAL COMBUSTION ENGINE AND ENGINE COMPRISING A DEVICE IMPLEMENTING SAID METHOD

Title (de)

VERFAHREN ZUR ÜBERWACHUNG DER EFFEKTIVITÄT EINES KATALYTISCHEN UMRICHTERS ZUR SPEICHERUNG DER IN DER ABGASLEITUNG EINES VERBRENNUNGSMOTORS ENTHALTENEN NOXs UND MOTOR MIT EINER VORRICHTUNG ZUR ANWENDUNG DIESES VERFAHRENS

Title (fr)

PROCEDE DE SURVEILLANCE DE L'EFFICACITE D'UN CONVERTISSEUR CATALYTIQUE STOCKANT LES NOX IMPLANTE DANS UNE LIGNE D'ECHAPPEMENT D'UN MOTEUR A COMBUSTION INTERNE ET MOTEUR COMPORTANT UN DISPOSITIF METTANT EN OEUVRE LEDIT PROCEDE

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Application

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Abstract (en)

[origin: WO2008142342A2] Method of monitoring the effectiveness of a catalytic converter storing the NOx located in an exhaust line of an internal combustion engine and 5 engine comprising a device implementing said method. The present invention relates to a method of monitoring the operating state of a catalytic converter storing the NOx of an engine, characterized in that it comprises at least the following steps: 10 - determination of the quantity of reducers used, - determination of the quantity of nitrogen oxides stored in the catalytic converter, - establishment of a diagnostic report on the operating state of the converter based on the quantity of reducers used and the quantity of nitrogen oxides stored 15 in the catalytic converter. Another object of the invention relates to an engine comprising a device implementing said method.

IPC 8 full level

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