

Title (en)

METHOD FOR ADAPTING THE NO_x CONCENTRATION OF AN INTERNAL COMBUSTION ENGINE OPERATED WITH AN EXCESS OF AIR

Title (de)

VERFAHREN ZUM ADAPTIEREN DER NO_x-ROHKONZENTRATION EINER MIT LUFTÜBERSCHUSS ARBEITENDEN
BRENNKRAFTMASCHINE

Title (fr)

PROCEDE POUR ADAPTER LA CONCENTRATION BRUTE EN NO_x D'UN MOTEUR A COMBUSTION INTERNE FONCTIONNANT AVEC UN
EXCEDENT D'AIR

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0028201A1] The operating point dependent values for the crude NO_x concentration (RK) of the internal combustion engine are read out from an engine characteristics map. The variations in concentration are adapted on the basis of the starting signal of an NO_x sensor which is arranged down-stream of the NO_x storage catalyst either by modification of a reduction factor (RF) which serves to calculate the corrected crude NO_x concentration (KK) from the crude NO_x concentration (RK) or by direct correction of the values read out from the engine characteristics map for the crude NO_x concentration (RK) with a crude concentration correction factor.

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