

Title (en)
SYSTEM AND METHOD FOR MONITORING THE OPERATION OF AN INTERNAL COMBUSTION ENGINE WITH COMPENSATION FOR ERRORS IN THE INTAKE AIRFLOW MEASUREMENT

Title (de)
SYSTEM UND VERFAHREN ZUR ÜBERWACHUNG DES BETRIEBS EINES VERBRENNUNGSMOTORS MIT FEHLERKOMPENSATION BEI DER ANSAUGLUFTSTROMMESSUNG

Title (fr)
SYSTEME ET PROCEDE DE CONTROLE DU FONCTIONNEMENT D'UN MOTEUR A COMBUSTION INTERNE AVEC COMPENSATION DES ERREURS DE LA MESURE DE DEBIT D'AIR ADMIS

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Application
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Abstract (en)
[origin: WO2008043933A1] System for monitoring the operation of a motor vehicle internal combustion engine, comprising a member for measuring the flow of air admitted, characterized in that it comprises a means (21) for determining the standard deviation of the spread on the measured airflow as a function of the measured value, a means (24) for comparing the standard deviation thus determined against a calibration value in order to determine an estimated optimum flow rate for gases entering the engine, and a correcting means (25) for deducing a correction function to be applied to the measured airflow on the basis of the estimated optimum flow of gases entering the engine when learning conditions are satisfied.

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