Title (en)
METHOD FOR ADJUSTING AN OPERATING PARAMETER OF AN ENGINE AND CONTROL SYSTEM IMPLEMENTING SAID METHOD

Title (de)
VERFAHREN ZUR EINSTELLUNG EINES BETRIEBSPARAMETERS EINES MOTORS SOWIE STEUERSYSTEM ZUR AUSFÜHRUNG EINES SOLCHEN VERFAHRENS

Title (fr)
PROCEDE DE REGULATION D'UN PARAMETRE DE FONCTIONNEMENT D'UN MOTEUR ET SYSTEME DE COMMANDE METTANT EN OEUVRE UN TEL PROCEDE

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Abstract (en)
[origin: WO2011098708A1] The invention relates to a method for adjusting an operating parameter of an internal combustion engine (2), including the following steps: creating a stability set value (Cs), calculating an engine stability index (Is), calculating the stability deviation (Es) which is equal to the difference between the stability setting (Cs) and the stability index (Is), and processing of the stability deviation (Es) by a controller (6) that provides an engine control set value (OA, FE) to be applied to the operating parameter of the engine (2). The invention is characterised in that the stability index (Is) is a function of the difference between the measured time derivative of the engine speed at the time of calculation, and the estimated time derivative of the engine speed according to the engine torque and the inertias that inhibit the fluctuation of the rotation speed of the engine.

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