

Title (en)

METHOD OF MONITORING AN INTERNAL COMBUSTION ENGINE THAT IS OPERATED WITH AN EXCESS OF AIR

Title (de)

VERFAHREN ZUM ÜBERWACHEN EINER MIT LUFTÜBERSCHUSS BETREIBBAREN BRENNKRAFTMASCHINE

Title (fr)

PROCEDE POUR LE CONTROLE D'UN MOTEUR A COMBUSTION INTERNE FONCTIONNANT AVEC UN EXCES D'AIR

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Application

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Abstract (en)

[origin: WO0102711A1] The invention relates to a method of monitoring an internal combustion engine that is operated with an excess of air. If an excessive torque (TQI) is detected during the operation of the internal combustion engine in the stratified charge mode $\lambda \gg 1$ or with a homogeneous air-fuel mixture $\lambda > 1$, the engine immediately switches to the homogeneous operation state $\lambda = 1$. If an excessive torque (TQI) is detected for this mode of operation, too, emergency operation modes are activated.

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