

Title (en)

METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE, IN PARTICULAR FOR A MOTOR VEHICLE

Title (de)

VERFAHREN ZUM BETREIBEN EINER BRENNKRAFTMASCHINE INSBESONDERE EINES KRAFTFAHRZEUGS

Title (fr)

PROCEDE POUR L'EXPLOITATION D'UN MOTEUR A COMBUSTION INTERNE, EN PARTICULIER D'UN VEHICULE

Publication

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Application

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Priority

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Abstract (en)

[origin: DE19729100A1] The invention relates to a method for operating an internal combustion engine (1), in particular for a motor vehicle. In this method, fuel is injected directly into a combustion chamber. This can take place during a compression phase, in accordance with a first operating mode, or during an intake phase, in accordance with a second operating mode. In both operating modes, the fuel mass injected into the combustion chamber is controlled and/or regulated in accordance with a calculated desired moment supplied by the internal combustion engine. An actual moment (M<sub>act</sub>), supplied by the internal combustion engine (1), and a permissible moment (z<sub>M</sub>) are determined (18 or 19, 20) and the actual moment (M<sub>act</sub>) is compared (21) against the permissible moment (z<sub>M</sub>).

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