

Title (en)
METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE

Title (de)
VERFAHREN ZUM BETREIBEN EINER BRENNKRAFTMASCHINE

Title (fr)
PROCEDE DE FONCTIONNEMENT D'UN MOTEUR A COMBUSTION INTERNE

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Application
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Abstract (en)
[origin: DE19813377A1] The invention relates to an internal combustion engine (1), especially for a motor vehicle. The internal combustion engine (1) is provided with an injection valve (8) by means of which fuel can be injected directly into a combustion chamber (4) either in a first operating mode during a compression stage or in a second operating mode during a suction stage. The invention also provides for a control device (16) for switching between the two operating modes and for carrying out a control and/or adjustment, differently for each operating mode, of the operating variables influencing the actual torque of the internal combustion engine (1) in accordance with a set-point torque. A change in the actual torque occurring during switching from mode into another is detected by the control device (16) and at least one of the operating parameters is influenced by the control device (16) in accordance with said change.

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