

Title (en)

METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE MAINLY INTENDED FOR A MOTOR VEHICLE

Title (de)

VERFAHREN ZUM BETREIBEN EINER BRENNKRAFTMASCHINE INSBESONDERE EINES KRAFTFAHRZEUGS

Title (fr)

PROCEDE DE FONCTIONNEMENT D'UN MOTEUR A COMBUSTION INTERNE NOTAMMENT POUR UN VEHICULE A MOTEUR

Publication

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Application

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Priority

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Abstract (en)

[origin: DE19813379A1] The present invention relates to an internal combustion engine (1) which is mainly intended for a motor vehicle. The engine comprises an injection valve (8) for directly injecting fuel into a combustion chamber (4) either during an inlet phase according to a first operation mode or during a compression phase according to a second operation mode. A regulation device (16) is also provided for controlling and/or adjusting the amount of fuel injected into the combustion chamber (4) in a different manner for each operation mode. The regulation device (16) ensures, in a first step (26), the transition from the first operation mode to a second mode intermediate operation and then to a second mode normal operation (31, 37).

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