

Title (en)
METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE

Title (de)
VERFAHREN ZUM BETRIEB EINER BRENNKRAFTMASCHINE

Title (fr)
PROCEDE POUR FAIRE FONCTIONNER UN MOTEUR A COMBUSTION INTERNE

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Application
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Abstract (en)
[origin: WO2004007944A1] The invention relates to a method for forming a fuel/air mixture of a direct-injection internal combustion engine. According to said method, a closing body of the fuel injection nozzle is displaced from a closed position into an operating position in order to adjust an operating stroke by means of a control unit, in such a way that different speeds are realised until the operating stroke is achieved, to permit optimal combustion. The inventive method also permits a uniform concentration of fuel particles that have been introduced into the combustion chamber with an increased impetus, thus creating a border turbulence with a constant symmetry and a uniform fuel distribution.

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