

Title (en)

METHOD FOR CONTROLLING SELF-IGNITION OF AN AIR-FUEL MIXTURE, IN PARTICULAR FOR A DIESEL-TYPE INTERNAL COMBUSTION ENGINE, AND ENGINE USING SUCH A METHOD

Title (de)

VERFAHREN ZUR STEUERUNG DER SELBSTZÜNDUNG EINER LUFT-KRAFTSTOFF-MISCHUNG, BESONDERS FÜR EINEN DIESELVERBRENNUNGSMOTOR, UND EIN SOLCHES VERFAHREN EINSETZENDER MOTOR

Title (fr)

PROCEDE DE CONTRÔLE DE L'AUTO-INFLAMMATION D'UN MELANGE CARBURE, NOTAMMENT POUR MOTEUR A COMBUSTION INTERNE DE TYPE DIESEL, ET MOTEUR UTILISANT UN TEL PROCEDE

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Application

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Abstract (en)

[origin: WO2007042674A1] The invention concerns a method for controlling self-ignition of an air-fuel mixture, in particular for a Diesel-type internal combustion engine which consists in: providing, in at least one combustion chamber (14) of the engine, an air-fuel mixture with a fuel and at least one fluid to obtain a homogeneous combustion via self-ignition. The invention is characterized in that the method consists in: a) defining the desired scheme for the combustion by self-ignition of the air-fuel mixture; b) adapting the hexadecane index of the fuel used for the mixture to that of the fuel, thereby obtaining the desired combustion scheme.

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