

Title (en)

METHOD FOR INITIATING COMBUSTION IN AN INTERNAL COMBUSTION ENGINE, AND RELATED ENGINE

Title (de)

VERFAHREN ZUR INITIIERUNG VON VERBRENNUNGEN IN EINEM VERBRENNUNGSMOTOR UND ENTSPRECHENDER MOTOR

Title (fr)

PROCEDE D'INITIATION DE LA COMBUSTION DANS UN MOTEUR A COMBUSTION INTERNE, ET MOTEUR FAISANT APPLICATION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2008139065A2] The invention relates to a method for initiating combustion in an internal combustion engine that comprises a main chamber (5) with a variable volume in which a flammable mixture is fed, an auxiliary chamber (10) giving into the main chamber, and controlled means (11, 14, 15) for the communication or isolation between the auxiliary chamber and the main chamber, said method comprising the step of controlling the means for establishing a communication between the auxiliary chamber and the main chamber during a time period including the top dead centre between the compression phase and the expansion phase. The invention also relates to an engine specially adapted for implementing the method of the invention.

IPC 8 full level

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