

Title (en)

Method for controlling the combustion of a spark-ignition engine by controlling combustion phasing

Title (de)

Verfahren zur Verbrennungskontrolle eines Motors, dessen Zündung über ein Verbrennungsphasenplanungs-Steuergerät gesteuert wird

Title (fr)

Procédé de contrôle de combustion d'un moteur à allumage commandé au moyen d'un contrôle du phasage de la combustion

Publication

**EP 2182196 B1 20180725 (FR)**

Application

**EP 09290783 A 20091014**

Priority

FR 0806058 A 20081031

Abstract (en)

[origin: EP2182196A1] The method involves correcting a setpoint value of an ignition crank angle before physical parameters linked with combustion of a gas and fuel mixture in a combustion chamber reach setpoint values, by calculating correction to be applied such that a crank angle is equal to the setpoint value of the ignition crank angle for an optimized combustion. Ignition of the mixture in the chamber is controlled by an engine control system when the crank angle is equal to the corrected setpoint value of the ignition crank angle to optimize combustion.

IPC 8 full level

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CPC (source: EP US)

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