

Title (en)

METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN ZUM BETREIBEN EINES VERBRENNUNGSMOTORS

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UN MOTEUR À COMBUSTION INTERNE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2010149362A1] The invention relates to a method for operating an internal combustion engine and a combustion chamber (10, 20, 30) for such an internal combustion engine. According to the method, a thinned base mixture is ignited by additionally injecting a pilot fuel at an injection point in time, wherein the injection point in time of the pilot fuel is selected such that the pilot fuel is not fully homogenized with the base mixture.

IPC 8 full level

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F02D 41/3047 (2013.01 - EP US); **Y02T 10/40** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2010149362A1

Citation (examination)

- DE 287366 C
- EP 1953375 A1 20080806 - MAZDA MOTOR [JP]
- WO 2007073329 A1 20070628 - SCANIA CV ABP [SE], et al
- US 2004118557 A1 20040624 - ANCIMER RICHARD [CA], et al
- DE 10344423 A1 20050421 - DAIMLER CHRYSLER AG [DE]

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WO 2010149362 A1 20101229

DOCDB simple family (application)

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