

Title (en)

METHOD FOR OPERATING A LASER SPARK PLUG FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN ZUM BETREIBEN EINER LASERZÜNDKERZE FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UNE BOUGIE D'ALLUMAGE LASER POUR UN MOTEUR À COMBUSTION INTERNE

Publication

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Application

EP 11711496 A 20110322

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- EP 2011054349 W 20110322

Abstract (en)

[origin: WO2011131437A2] The invention relates to a method for operating a laser spark plug (10) for an internal combustion engine, the laser spark plug (10) having an antechamber (12). According to the invention, within an operating cycle of the internal combustion engine, the laser spark plug (10) emits a plurality of time-offset laser ignition pulses (34, 36) onto an ignition location (ZP) located within the antechamber (12).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2011131437A2

Cited by

US10584639B2; US11421601B2; US11965466B2

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