

Title (en)

METHOD AND DEVICE FOR OPERATING A LASER SPARK PLUG

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BETREIBEN EINER LASERZÜNDKERZE

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR FAIRE FONCTIONNER UNE BOUGIE D'ALLUMAGE LASER

Publication

EP 2732148 A1 20140521 (DE)

Application

EP 12723708 A 20120529

Priority

- DE 102011079017 A 20110712
- EP 2012059954 W 20120529

Abstract (en)

[origin: WO2013007438A1] The invention relates to a method for operating a laser spark plug (100), according to which the laser spark plug (100) is activated by an activation device (210) to produce at least one laser ignition pulse (L). The invention is characterized in that at least one value characteristic of the laser ignition pulse (L) is measured and that the at least one value characteristic of the laser ignition pulse (L) is indicative of a working condition of the laser spark plug (100).

IPC 8 full level

F02P 23/04 (2006.01)

CPC (source: EP US)

F02P 23/04 (2013.01 - EP US); **F02P 23/045** (2013.01 - US)

Citation (search report)

See references of WO 2013007438A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102011079017 A1 20130117; EP 2732148 A1 20140521; US 2014238329 A1 20140828; WO 2013007438 A1 20130117

DOCDB simple family (application)

DE 102011079017 A 20110712; EP 12723708 A 20120529; EP 2012059954 W 20120529; US 201214131887 A 20120529