

Title (en)

LASER IGNITION PLUG WITH PRE-COMBUSTION MODULE

Title (de)

LASERZÜNDKERZE UND VORKAMMERMODUL HIERFÜR

Title (fr)

BOUGIE D'ALLUMAGE LASER AVEC MODULE À PRÉCHAMBRE

Publication

EP 2399021 A1 20111228 (DE)

Application

EP 10703041 A 20100201

Priority

- EP 2010051164 W 20100201
- DE 102009000956 A 20090218

Abstract (en)

[origin: WO2010094552A1] The invention relates to a laser spark plug (100), especially for an internal combustion engine of a motor vehicle. According to the invention, connection means (110) are provided in an end region (100a) of the laser spark plug (100), which faces the combustion engine, said connection means enabling the laser spark plug (100) to be connected to a pre-chamber module (200).

IPC 8 full level

F02B 19/12 (2006.01); **F02B 19/18** (2006.01); **F02P 23/04** (2006.01); **F02P 13/00** (2006.01)

CPC (source: EP US)

F02B 19/12 (2013.01 - EP US); **F02B 19/18** (2013.01 - EP US); **F02P 23/04** (2013.01 - EP US); **F02P 13/00** (2013.01 - EP US); **Y02T 10/12** (2013.01 - EP US)

Citation (search report)

See references of WO 2010094552A1

Citation (examination)

EP 2072803 A2 20090624 - GE JENBACHER GMBH & CO OHG [AT]

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

DE 102009000956 A1 20100819; EP 2399021 A1 20111228; JP 2012518120 A 20120809; JP 5409815 B2 20140205; US 2011308489 A1 20111222; US 9010292 B2 20150421; WO 2010094552 A1 20100826

DOCDB simple family (application)

DE 102009000956 A 20090218; EP 10703041 A 20100201; EP 2010051164 W 20100201; JP 2011550502 A 20100201; US 201013147989 A 20100201