

Title (en)
IGNITION DEVICE FOR A LASER IGNITION OF AN INTERNAL COMBUSTION ENGINE

Title (de)
ZÜNDEINRICHTUNG FÜR EINE LASERZÜNDUNG EINER BRENNKRAFTMASCHINE

Title (fr)
DISPOSITIF D'ALLUMAGE POUR UN ALLUMAGE LASER D'UN MOTEUR À COMBUSTION INTERNE

Publication
EP 2324234 A1 20110525 (DE)

Application
EP 09780773 A 20090717

Priority
• EP 2009059229 W 20090717
• DE 102008041130 A 20080808

Abstract (en)
[origin: WO2010015500A1] An ignition laser for an internal combustion engine is proposed in which the combustion chamber window (58) is connected to a housing (38) of the ignition laser in a manner that is resistant to gas, pressure and temperature. Moreover, a pressure relief hole (67) is provided which effectively prevents a pressure increase in the housing (38) of the ignition laser.

IPC 8 full level
F02P 23/04 (2006.01); **F02C 7/264** (2006.01); **F23Q 21/00** (2006.01); **H01T 13/08** (2006.01); **H01T 14/00** (2006.01)

CPC (source: EP US)
F02C 7/264 (2013.01 - EP US); **F02P 23/04** (2013.01 - EP US)

Citation (search report)
See references of WO 2010015500A1

Citation (examination)
• EP 2238341 A2 20101013 - GE JENBACHER GMBH & CO OHG [AT]
• WO 2009097635 A2 20090813 - GE JENBACHER GMBH & CO OHG [AT], et al

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

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
DE 102008041130 A1 20100211; EP 2324234 A1 20110525; JP 2011530665 A 20111222; JP 5216143 B2 20130619;
US 2011203542 A1 20110825; US 8607755 B2 20131217; WO 2010015500 A1 20100211

DOCDB simple family (application)
DE 102008041130 A 20080808; EP 09780773 A 20090717; EP 2009059229 W 20090717; JP 2011521508 A 20090717;
US 73770409 A 20090717