

Title (en)  
IGNITION DEVICE FOR AN INTERNAL COMBUSTION ENGINE

Title (de)  
ZÜNDEINRICHTUNG FÜR EINE BRENNKRAFTMASCHINE

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

Publication  
**EP 2029888 A1 20090304 (DE)**

Application  
**EP 07728381 A 20070423**

Priority

- EP 2007053924 W 20070423
- DE 102006024679 A 20060526

Abstract (en)  
[origin: DE102006024679A1] The device (27) has a pump light source (30) to supply a pump light, and a laser device (26) to generate a laser light (24) for radiation into a combustion chamber. A light guide mechanism (28) transfers the pump light from the pump light source to the laser device. The laser device has a refraction device that is arranged as a single piece and refracts a part of the pump light. The laser device has a laser-active solid body, where the refraction device has a lens, which is arranged at a coupling side of the solid body.

IPC 8 full level  
**F02P 23/04** (2006.01)

CPC (source: EP US)  
**F02P 23/04** (2013.01 - EP US); **H01S 3/0602** (2013.01 - EP US); **H01S 3/0627** (2013.01 - EP US); **H01S 3/08059** (2013.01 - EP US); **H01S 3/094053** (2013.01 - EP US); **H01S 3/094061** (2013.01 - EP US); **H01S 3/094076** (2013.01 - EP US); **H01S 3/094084** (2013.01 - EP US); **H01S 3/09415** (2013.01 - EP US); **H01S 3/113** (2013.01 - EP US); **H01S 3/2308** (2013.01 - EP US)

Citation (search report)  
See references of WO 2007137914A1

Designated contracting state (EPC)  
AT DE FR IT

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