

Title (en)
Ignition device for an internal combustion engine

Title (de)
Zündeinrichtung für eine Brennkraftmaschine

Title (fr)
Dispositif pour l'allumage d'un moteur à combustion interne

Publication
EP 0907019 A3 20040915 (DE)

Application
EP 98118473 A 19980930

Priority
DE 19743544 A 19971001

Abstract (en)
[origin: EP0907019A2] The ignition device includes an ignition coil with a coil core (5) and a primary- (7) and a secondary winding (6), and a spark plug with a spark plug body (2) and an insulator (1), whereby the ignition coil and the spark plug are firmly combined to a component. The insulator extends preferably to the casing of the ignition coil, in which both windings and the coil core are arranged. An arc electrode of the device is preferably coated with a precious metal, e.g. platinum, iridium.

IPC 1-7
F02P 13/00

IPC 8 full level
F02P 13/00 (2006.01)

CPC (source: EP)
F02P 13/00 (2013.01)

Citation (search report)
• [X] US 1302308 A 19190429 - CAVANAGH JOHN F [US]
• [X] US 2478087 A 19490802 - BYCHINSKY WILFRED A, et al
• [X] EP 0387992 A1 19900919 - GEN MOTORS CORP [US]

Cited by
CN104088746A; EP1416157A4; CN104092100A; DE10314567B4; EP1351353A3; DE10231508A1; DE10231508B4; EP1351354A3; EP1351356A3; US7080638B2; WO03008799A1; US6694958B2; US6966311B2; US6817350B2; US6844735B2; EP1351354A2; US7017566B2; EP1351356A2; US6698411B2; EP1351353A2; US6675785B2; EP1351355A2; US6873094B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0907019 A2 19990407; EP 0907019 A3 20040915; DE 19743544 A1 19990408

DOCDB simple family (application)
EP 98118473 A 19980930; DE 19743544 A 19971001