

Title (en)
ELECTRONIC IGNITION DEVICE FOR INTERNAL COMBUSTION ENGINES

Publication
EP 0300551 A3 19890322 (EN)

Application
EP 88201467 A 19880711

Priority
IT 4686987 A 19870724

Abstract (en)
[origin: EP0300551A2] The device comprises a first element provided with a permanent magnet (4) or (4 min) having two pole pieces, and a second element provided with a magnetic core (1) or (1 min) having two or three pole pieces; on a pole piece of the core (1) or (1 min) there is wound a solenoid (6) or (6 min) having one side connected to earth through a rectifier diode (15) and its other side, by way of a second rectifier diode (8), feeding a capacitor (10) which discharges through the primary winding (12) of a transformer; the secondary winding (13) of this latter feeds the spark plugs; that side of the capacitor (10) facing the diode (8) is connected to earth through a controlled diode (9); the diode (9) is rendered conducting by the triggering voltage generated by the same solenoid (6).

IPC 1-7
F02P 1/08

IPC 8 full level
F02P 1/08 (2006.01)

CPC (source: EP)
F02P 1/086 (2013.01)

Citation (search report)
• [X] US 4566425 A 19860128 - NITOU HIROYASU [JP], et al
• [Y] US 4036201 A 19770719 - BURSON BOB O
• [Y] US RE31837 E 19850226
• [A] US 4576138 A 19860318 - WOLF RONALD J [US]
• [A] US 4228780 A 19801021 - KIESS RONALD J
• [A] US 4343273 A 19820810 - KONDO TADASIGE, et al
• [A] DE 2639794 A1 19770317 - HITACHI LTD
• [A] US 3941110 A 19760302 - SEKIGUCHI TOMOAKI

Designated contracting state (EPC)
AT DE ES IT SE

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