

Title (en)
Inductive ignition coils system for motor

Title (de)
Induktives Spulenzündsystem für einen Motor

Title (fr)
Système d'allumage à bobines inductives pour moteur

Publication
EP 0848161 A3 19991208 (DE)

Application
EP 97117835 A 19971015

Priority
DE 19652267 A 19961216

Abstract (en)
[origin: EP0848161A2] The ignition system has at least one ignition coil with a primary winding (7) and a secondary winding (9). The primary winding is connected in parallel with a switching device (19) for connecting the winding terminals (11,13) together in response to a control signal, provided by a control circuit (27). The primary winding of the ignition coil may be coupled to the battery voltage via a Darlington transistor (T2), one end of the secondary winding coupled to earth via an engine spark plug (3), the other end connected to earth via a diode (D1).

IPC 1-7
F02P 17/12

IPC 8 full level
F02P 17/12 (2006.01)

CPC (source: EP US)
F02P 17/12 (2013.01 - EP US)

Citation (search report)

- [X] DE 19524541 C1 19961205 - TELEFUNKEN MICROELECTRON [DE], et al
- [X] EP 0489264 A2 19920610 - TELEFUNKEN ELECTRONIC GMBH [DE]
- [X] US 5207208 A 19930504 - WARD MICHAEL A V [US]
- [A] US 5561239 A 19961001 - YASUDA YUKIO [JP]
- [A] EP 0654604 A1 19950524 - MAGNETI MARELLI FRANCE [FR]

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EP1063426A3; US6526953B1; US6298837B1; WO0075505A1; WO0025021A1; US6777748B1; WO0106567A1

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

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EP 0848161 A2 19980617; EP 0848161 A3 19991208; EP 0848161 B1 20030611; DE 19652267 A1 19980618; DE 59710262 D1 20030717; US 5970965 A 19991026

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