

Title (en)

Control circuitry for an ignition coil

Title (de)

Schaltungsanordnung zur Ansteuerung einer Zündspule

Title (fr)

Circuit de commande de bobine d'allumage

Publication

**EP 1074733 A3 20020925 (DE)**

Application

**EP 00109567 A 20000504**

Priority

DE 19937055 A 19990805

Abstract (en)

[origin: EP1074733A2] The circuit has a first semiconducting switch (T1) with a load path connected in series with a primary coil (L1) of the ignition coil and a control electrode (G) for driving according to a first drive signal. A second semiconducting switch (T2) has a load path connected in parallel to the primary coil and a control electrode (G) for driving by a second control signal.

IPC 1-7

**F02P 3/04**; **F02P 3/05**; **F02P 3/055**

IPC 8 full level

**F02P 3/04** (2006.01)

CPC (source: EP US)

**F02P 3/0421** (2013.01 - EP US)

Citation (search report)

- [XY] GB 2163213 A 19860219 - BOSCH GMBH ROBERT
- [YA] EP 0757177 A2 19970205 - HITACHI LTD [JP], et al
- [X] US 4196711 A 19800408 - DAUMER ROLF [DE]
- [X] DE 3437155 A1 19860417 - BOSCH GMBH ROBERT [DE]
- [YA] PATENT ABSTRACTS OF JAPAN vol. 014, no. 375 (M - 1010) 14 August 1990 (1990-08-14)
- [X] PATENT ABSTRACTS OF JAPAN vol. 011, no. 238 (M - 613) 5 August 1987 (1987-08-05)

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 1074733 A2 20010207**; **EP 1074733 A3 20020925**; US 6310331 B1 20011030

DOCDB simple family (application)

**EP 00109567 A 20000504**; US 63370800 A 20000807