

Title (en)
Ignition device for a combustion engine

Title (de)
Zündeinrichtung für eine Brennkraftmaschine

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

Publication
EP 1854998 A3 20080528 (DE)

Application
EP 07006779 A 20070331

Priority
AT 8202006 A 20060512

Abstract (en)
[origin: EP1854998A2] The device has a control device (12) regulating or switching a threshold in connection to interruption of a primary sided voltage and/or electric power supply of an ignition coil (3) during ignition. The device is in connection to the dropping in the primary voltage and/or primary current through the coil under an allowed threshold during the process of ignition of the voltage and/or the supply of the coil. The device regulates the threshold when an induced secondary current is operated in the direction of characteristics of the secondary current.

IPC 8 full level
F02P 3/05 (2006.01); **F02P 9/00** (2006.01)

CPC (source: EP US)
F02P 3/053 (2013.01 - EP US); **F02P 9/007** (2013.01 - EP US)

Citation (search report)

- [X] DE 10034725 A1 20010215 - DELPHI TECH INC [US]
- [A] DE 2444242 A1 19750403 - GEN MOTORS CORP
- [A] EP 0790406 A2 19970820 - DEUTSCHE AUTOMOBILGESELLSCH [DE]
- [A] DE 10155972 A1 20030522 - BOSCH GMBH ROBERT [DE]

Cited by
EP2479420A3; AT510034A4; AT510034B1; US8662059B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1854998 A2 20071114; EP 1854998 A3 20080528; EP 1854998 B1 20101229; AT 504369 A4 20080515; AT 504369 B1 20080515; AT 504369 B8 20080915; AT E493579 T1 20110115; DE 502007006072 D1 20110210; ES 2358840 T3 20110516; US 2008035131 A1 20080214; US 8607770 B2 20131217

DOCDB simple family (application)
EP 07006779 A 20070331; AT 07006779 T 20070331; AT 8202006 A 20060512; DE 502007006072 T 20070331; ES 07006779 T 20070331; US 79039807 A 20070425