

Title (en)

Method and device for the control of the current in an ignition system of a combustion engine

Title (de)

Verfahren und Vorrichtung zur Stromregelung einer Zündanlage für einen Verbrennungsmotor

Title (fr)

Procédé et dispositif pour la commande du courant d'un circuit d'allumage de moteur à combustion

Publication

**EP 1103720 B1 20070516 (DE)**

Application

**EP 00125290 A 20001127**

Priority

DE 19957350 A 19991129

Abstract (en)

[origin: EP1103720A2] The method involves storing electrical energy in a magnetic field built up by a primary current, whereby the field breaks down when the primary current is interrupted and a high ignition voltage is generated by induction. A control signal gives the desired value for the primary current and the primary current is limited to this value by a current regulator. Independent claims are also included for the following: an arrangement for current regulation of an ignition system for an internal combustion engine.

IPC 8 full level

**F02P 17/12** (2006.01); **F02P 3/05** (2006.01)

CPC (source: EP)

**F02P 17/12** (2013.01)

Cited by

DE102010015998A1; WO2011113431A1; US6837230B2; US8893692B2

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**EP 1103720 A2 20010530; EP 1103720 A3 20020605; EP 1103720 B1 20070516; DE 50014331 D1 20070628**

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