

Title (en)

DEVICE AND METHOD FOR REGULATING THE ENERGY SUPPLY FOR IGNITION IN AN INTERNAL COMBUSTION ENGINE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR REGELUNG DES ENERGIEANGEBOTS FÜR DIE ZÜNDUNG IN EINER BRENNKRAFTMASCHINE

Title (fr)

DISPOSITIF ET PROCEDE DE REGLAGE DE L'ALIMENTATION EN ENERGIE SERVANT A L'ALLUMAGE D'UN MOTEUR A COMBUSTION INTERNE

Publication

EP 1266136 A2 20021218 (DE)

Application

EP 01919142 A 20010223

Priority

- DE 0100689 W 20010223
- DE 10012956 A 20000316

Abstract (en)

[origin: DE10012956A1] The ignition energy regulation device uses the central control unit for the IC engine for determining the time difference between the beginning of the current flow through the primary winding (4) of the ignition coil and the attainment of a given primary current threshold value, used for calculating the additional energy loss of the ignition end stage (13) and/or the effective energy reduction, for disconnection of the ignition end stage when an energy loss threshold value is reached. An Independent claim for a method for regulating the ignition energy of an IC engine is also included.

[origin: DE10012956A1] The ignition energy regulation device uses the central control unit for the IC engine for determining the time difference between the beginning of the current flow through the primary winding (4) of the ignition coil and the attainment of a given primary current threshold value, used for calculating the additional energy loss of the ignition end stage (13) and/or the effective energy reduction, for disconnection of the ignition end stage when an energy loss threshold value is reached. An independent claim for a method for regulating the ignition energy of an IC engine is also included.

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F02P 3/05

IPC 8 full level

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CPC (source: EP KR US)

F02P 3/05 (2013.01 - KR); **F02P 3/051** (2013.01 - EP US)

Citation (search report)

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DE 10012956 A1 20010920; CN 1246581 C 20060322; CN 1418289 A 20030514; DE 50109759 D1 20060614; EP 1266136 A2 20021218; EP 1266136 B1 20060510; JP 2003527534 A 20030916; KR 100769756 B1 20071023; KR 20030007465 A 20030123; RU 2267646 C2 20060110; US 2003089353 A1 20030515; US 6763815 B2 20040720; WO 0169079 A2 20010920; WO 0169079 A3 20020307

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