

Title (en)

METHOD AND DEVICE FOR REGULATING POWER IN IGNITION SYSTEMS WITH A PRIMARY-SIDE SHORT-CIRCUITING SWITCH

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ENERGIEREGLUNG AN ZÜNDSYSTEMEN MIT PRIMÄRSEITIGEM KURZSCHLUSSSCHALTER

Title (fr)

PROCEDE ET DISPOSITIF DE REGULATION D'ENERGIE DANS DES SYSTEMES D'ALLUMAGE AVEC UN COURT-CIRCUITEUR COTE PRIMAIRE

Publication

EP 1045985 A1 20001025 (DE)

Application

EP 99962038 A 19991026

Priority

- DE 9903413 W 19991026
- DE 19849258 A 19981026

Abstract (en)

[origin: DE19849258A1] The method involves measuring the primary current in the short circuit phase of the short circuit switch (4) and passing it to the control unit, which processes it into a characteristic using a function or filter and uses it for energy regulation by controlling the closure time or angle. The closing time or angle is reduced if an excessive rest energy is indicated and vice-versa. An Independent claim is also included for an arrangement for energy regulation of an ignition system with a primary side short circuit switch.

IPC 1-7

F02P 9/00; **F02P 17/12**

IPC 8 full level

F02P 3/05 (2006.01); **F02P 9/00** (2006.01); **F02P 17/12** (2006.01)

CPC (source: EP US)

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Citation (search report)

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