

Title (en)

HIGH VOLTAGE SWITCH IN DOUBLE-COIL IGNITION SYSTEMS.

Title (de)

HOCHSPANNUNGSSCHALTER BEI DOPPELFUNKENSPULEN-ZÜNDANLAGEN.

Title (fr)

INTERRUPTEUR A HAUTE TENSION POUR DES SYSTEMES D'ALLUMAGE PAR BOBINES A DEUX SORTIES.

Publication

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Application

**EP 91909630 A 19910527**

Priority

- DE 9100444 W 19910527
- DE 4020103 A 19900623

Abstract (en)

[origin: WO9200454A1] The proposal is for an ignition system for internal combustion engines with double coils and semiconductor components in the secondary circuit which cause a steep increase in the ignition voltage. The semiconductor components are preferably switching diodes in cascade which ensure that the ignition voltage is not abruptly applied to the sparking plugs until a predetermined value has been reached. An even steeper increase can be achieved if the breakover voltage of each semiconductor component is matched to the length of the ignition lead.

IPC 1-7

**F02P 15/08**

IPC 8 full level

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