

Title (en)  
Ignition device for an internal combustion engine

Title (de)  
Zündeinrichtung für eine Brennkraftmaschine

Title (fr)  
Dispositif pour l'allumage de moteurs à combustion interne

Publication  
**EP 0529735 B1 19960410 (FR)**

Application  
**EP 92202583 A 19920825**

Priority  
FR 9110670 A 19910828

Abstract (en)  
[origin: US5220902A] The device comprises a magnet which induces several current pulses of alternating polarity in a primary winding, the current being restored in a resistance (R1) in series with a transistor (Ti). The voltage developed across the terminals of the resistance is applied to the input terminal (9) of a control circuit (7), via a capacitance (C), said control circuit (7) causing an interruption of the current generating an overvoltage. The capacitance (C) is charged by a first pulse, via a diode (D), connected in parallel with the transistor (Ti), and a resistance (10). The charge thus acquired remains active at the start of the subsequent principal pulse of opposite polarity, which follows, so that in the case of reverse operation of the engine, reversing the order of appearance of the pulses, no ignition takes place.

IPC 1-7  
**F02P 1/08**

IPC 8 full level  
**F02P 1/02** (2006.01); **F02P 1/08** (2006.01); **F02P 3/04** (2006.01); **F02P 11/02** (2006.01)

CPC (source: EP US)  
**F02P 1/083** (2013.01 - EP US)

Cited by  
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Designated contracting state (EPC)  
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**EP 0529735 A1 19930303; EP 0529735 B1 19960410**; DE 69209747 D1 19960515; DE 69209747 T2 19961031; FR 2680835 A1 19930305; JP 3133164 B2 20010205; JP H05195934 A 19930806; US 5220902 A 19930622

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