

Title (en)
Ignition system.

Title (de)
Zündvorrichtung.

Title (fr)
Système d'allumage.

Publication
EP 0001354 A1 19790404 (EN)

Application
EP 78300404 A 19780920

Priority
GB 3939377 A 19770921

Abstract (en)
An apparatus for producing spark ignition of an internal combustion engine, comprising an ignition coil having primary and secondary windings (1a, 1b), a capacitor (c) connected to the primary winding (1a), voltage generating means (4) for receiving a supply voltage (5:12V) and arranged to charge the capacitor to a voltage greater than the supply voltage, switching means (SCR) arranged to cause the capacitor (c) to discharge through the primary winding (1a) and thereby produce in the secondary winding (1b) a voltage pulse for producing spark ignition of the engine, and control means (8) arranged to apply to the output of the secondary coil a direct current capable of sustaining a spark established by said voltage pulse.

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F02P 3/08

IPC 8 full level
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CPC (source: EP)
F02P 3/0884 (2013.01); **F02P 3/093** (2013.01); **F02P 9/007** (2013.01)

Citation (search report)

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- FR 2149929 A5 19730330 - BOSCH GMBH ROBERT [DE]

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EP0028899A1; US5188088A

Designated contracting state (EPC)
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EP 0001354 A1 19790404; GB 2005767 A 19790425; IT 1108540 B 19851209; IT 7869183 A0 19780921

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EP 78300404 A 19780920; GB 7840239 A 19781012; IT 6918378 A 19780921