

Title (en)

Measurement circuitry for the primary voltage of an ignition coil.

Title (de)

Schaltungsanordnung zur Messung der Primärspannung einer Zündspule.

Title (fr)

Circuit de mesure de la tension primaire d'une bobine d'allumage.

Publication

EP 0386431 B1 19940615 (DE)

Application

EP 90101468 A 19900125

Priority

DE 3907616 A 19890309

Abstract (en)

[origin: EP0386431A2] A circuit arrangement for measuring the primary voltage of an ignition coil is proposed which manages without transistors and zener diodes and is thus particularly suitable for implementation in hybrid technology. The circuit provides a possibility for analog evaluation of the primary voltage and outputs the spark firing duration in the form of a digital signal. <IMAGE>

IPC 1-7

F02P 17/00

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP0502549A3; CZ309271B6; EP0652363A3; EP0740073A1; US5735254A; DE4331874A1; DE4331874C2; EP0740072A1; US5790039A; US6278278B1; WO9804830A1; WO9907995A1

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