

Title (en)

IGNITION SYSTEM FOR INTERNAL-COMBUSTION ENGINES

Title (de)

ZÜNDANLAGE FÜR BRENNKRAFTMASCHINEN

Title (fr)

SYSTEME D'ALLUMAGE POUR MOTEURS A COMBUSTION INTERNE

Publication

**EP 0561808 B1 19960522 (DE)**

Application

**EP 91919780 A 19911116**

Priority

- DE 9100902 W 19911116
- DE 4039356 A 19901210

Abstract (en)

[origin: WO9210673A1] Proposed is a circuit designed to measure on the spark plug the spark voltage transformed in the primary winding of the ignition coil in the ignition system of an internal-combustion engine. The circuit includes a voltage transformer (8) whose controlled system is triggered by the spark voltage transformed in the primary winding (2) of the ignition coil in such a way that a current is generated which can be fed to a sensor element and is proportional to the spark voltage.

IPC 1-7

**F02P 17/00**; F02P 11/06

IPC 8 full level

**F02P 3/055** (2006.01); **F02P 11/06** (2006.01); **F02P 17/00** (2006.01); **F02P 17/12** (2006.01); **F02B 1/04** (2006.01); **F02B 75/02** (2006.01)

CPC (source: EP US)

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**DE 9100902 W 19911116**; BR 9107158 A 19911116; DE 4039356 A 19901210; DE 59107848 T 19911116; EP 91919780 A 19911116; ES 91919780 T 19911116; US 5048793 A 19930507