

Title (en)

MEASURING AND DIAGNOSTIC DEVICE FOR AN IGNITION SYSTEM OF AN INTERNAL COMBUSTION ENGINE

Title (de)

MESS- UND DIAGNOSEEINRICHTUNG FÜR EIN ZÜNDSYSTEM EINER BRENNKRAFTMASCHINE

Title (fr)

DISPOSITIF DE MESURE ET DE DIAGNOSTIC POUR LE SYSTEME D'ALLUMAGE D'UN MOTEUR A COMBUSTION INTERNE

Publication

**EP 1003967 B1 20050216 (DE)**

Application

**EP 98949883 A 19980812**

Priority

- DE 9802342 W 19980812
- DE 19734896 A 19970812

Abstract (en)

[origin: WO9907995A1] The primary voltage shape of the ignition voltage (U<sub>pr</sub>) is converted into an analog current (I<sub>1</sub>) via a first regulating switch (4) whose output voltage (V<sub>o</sub>) is compared with a first reference voltage (V<sub>1</sub>) in a first comparator (5). In a second comparator (6), the output voltage (V<sub>o</sub>) is compared with a second reference voltage (V<sub>2</sub>). At the output of the first comparator (5), a diagnostic signal (IGBT-Diag) can be picked up for the ignition switch (3); and at the output of the second comparator (6), a measuring signal (IGN-Diag) can be picked up for the combustion period.

IPC 1-7

**F02P 3/055**; **F02P 17/12**

IPC 8 full level

**F02P 3/055** (2006.01); **F02P 17/12** (2006.01)

CPC (source: EP KR)

**F02P 3/055** (2013.01 - KR); **F02P 3/0552** (2013.01 - EP); **F02P 17/12** (2013.01 - EP)

Cited by

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DOCDB simple family (publication)

**WO 9907995 A1 19990218**; DE 59812578 D1 20050324; EP 1003967 A1 20000531; EP 1003967 B1 20050216; KR 100564083 B1 20060327; KR 20010022780 A 20010326

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