

Title (en)

Electrical monitoring device for enabling the identification of the working phases of a cylinder of a controlled-ignition internal combustion engine.

Title (de)

Einrichtung zur Bestimmung von Wirkungsphasen eines Zylinders eines Verbrennungsmotors mit Zündsteuerung.

Title (fr)

Dispositif électrique d'identification des phases de fonctionnement d'un cylindre de moteur à combustion interne à allumage commandé.

Publication

EP 0272225 A1 19880622 (EN)

Application

EP 87830413 A 19871120

Priority

IT 6793186 A 19861215

Abstract (en)

The device enables the identification of the working phases of a cylinder of an internal combustion engine having a spark ignition system (1-5) with a conductive line (4) for the spark plug (2) of each cylinder, through which a high-voltage pulse is applied periodically to the plug (2) to generate a spark. The monitoring device includes a signal pick-up member (6) of electrically conductive material which can be coupled to a portion of the conductive line (4) in a capacitive coupling relationship.

IPC 1-7

F02P 17/00

IPC 8 full level

F02P 15/08 (2006.01); **F02P 17/02** (2006.01); **F02P 17/12** (2006.01); **F02P 17/00** (2006.01)

CPC (source: EP)

F02P 15/08 (2013.01); **F02P 17/02** (2013.01); **F02P 17/12** (2013.01); **F02P 2017/006** (2013.01)

Citation (search report)

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