

Title (en)

Method and device for detecting the operating condition of a combustion engine

Title (de)

Verfahren und Vorrichtung zur Detektion des Betriebszustandes eines Verbrennungsmotors

Title (fr)

Procédé et dispositif destinés à la détection de l'état de fonctionnement de moteurs à combustion

Publication

EP 2128629 B1 20190605 (DE)

Application

EP 09100184 A 20090313

Priority

DE 102008001304 A 20080422

Abstract (en)

[origin: EP2128629A2] The method involves measuring an open-circuit voltage of an electrical system and detecting a sudden voltage drop in another electrical system. A voltage increase above the level of the open-circuit voltage up to a stable level of an operating voltage is detected for detecting operation of an internal combustion engine. An operating voltage is detected. A gradual voltage drop is detected over the period of more than a half second up to stable open-circuit voltages for detection of internal combustion engine provided in a resting condition. An independent claim is also included for an operating condition detecting device comprising a micro controller.

IPC 8 full level

G01P 3/44 (2006.01); **H02J 7/14** (2006.01)

CPC (source: EP)

F02N 11/0848 (2013.01); **G07C 5/085** (2013.01); **F02N 2200/063** (2013.01)

Cited by

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DOCDB simple family (publication)

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