Title (en)

Electronic device architecture for determining the operating phase of an internal combustion motor

Title (de)

Architektur einer elektronischen Vorrichtung zum Ermitteln der Betriebsphase einer Brennkraftmaschine

Title (fr)

Architecture d'un dispositif électronique pour déterminer la phase de fonctionnement d'un moteur à combustion interne

Publication

EP 1426596 A1 20040609 (EN)

Application

EP 02425726 A 20021128

Priority

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Abstract (en)

The invention relates to an electronic device architecture for determining the operating phase of an internal combustion motor (2), of the type structured for cooperating with an electronic motor control unit (ECU) and inputting a signal issued from a sensor (8) of a phonic wheel (7) associated with a camshaft (4) of the motor (2). <??>This device (1) has the task of computing the operating phase by analysing the signal from the sensor of the camshaft phonic wheel (7), so as to release the electronic motor control unit (ECU) from monitoring the phonic wheel signal, in order to lighten its computational load, and to enable the processing of signals from a variety of phonic wheels commonly used in the automotive industry. <IMAGE>

IPC 1-7

F02D 41/34; F02D 41/22

IPC 8 full level

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Citation (search report)

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