

Title (en)

Electronic device architecture for determining the angular position of an engine shaft in internal combustion engines

Title (de)

Architektur eines elektronischen Systems zur Bestimmung der Winkelposition einer Motorwelle in Brennkraftmaschinen

Title (fr)

Architecture de dispositif électronique de détection de la position angulaire d'un arbre de moteur à combustion interne

Publication

EP 1424479 A1 20040602 (EN)

Application

EP 02425728 A 20021128

Priority

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Abstract (en)

The invention relates to an electronic device for determining the angular position of a driving shaft (3) in internal combustion engines (2), of the type intended to cooperate with an engine electronic control unit (ECU) and receiving an input signal emitted by a sensor (8) of a tone wheel (7) associated to the driving shaft (3). <??>Said device (1) has the task of calculating the angular position of the driving shaft by analysing the signal transmitted by the tone wheel of the driving shaft, thereby releasing the engine electronic control unit (ECU) from the monitoring of the driving shaft angular position to reduce its computational load and allow to treat the signal transmitted by a plurality of tone wheels highly widespread in the automotive field. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

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