

Title (en)

Processing system for the detection, control and diagnostic examination of the operating conditions of the internal combustion engine of a motor vehicle, particularly a commercial motor vehicle.

Title (de)

Verarbeitungssystem zur Erfassung, Steuerung und diagnostischen Prüfung des Betriebszustandes einer inneren Verbrennungsmaschine eines Motorfahrzeuges, insbesondere eines gewerblichen Motorfahrzeuges.

Title (fr)

Système de traitement pour la détection, la commande, et l'examen diagnostique des conditions de fonctionnement d'un moteur à combustion interne pour véhicule à moteur, au particulier de type commercial.

Publication

EP 0231155 A1 19870805 (EN)

Application

EP 87830016 A 19870119

Priority

IT 6705286 A 19860123

Abstract (en)

The processing system comprises a plurality of sensors (2), each of which detects a corresponding physical magnitude indicative of the operating conditions of the engine (M) and generates a respective detection signal, and a processing unit (3) which receives the detection signals. The processing unit comprises five processing modules (91 to 95) intended respectively to control the following functions: detection of the operation of the engine in conditions that are abnormal or harmful to the life of the engine itself (91); limitation of critical uses of the engine (92); monitoring of the operating conditions (93); updated detection of the maintenance operations to be carried out on the engine (94), and diagnosis of unsatisfactory engine performance (95).

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IPC 8 full level

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Citation (search report)

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