

Title (en)
Engine Control System

Title (de)
Motorsteuerungssystem

Title (fr)
Système de commande de moteur

Publication
EP 2267292 B1 20170201 (EN)

Application
EP 09163596 A 20090624

Priority
EP 09163596 A 20090624

Abstract (en)
[origin: EP2267292A1] A vehicle engine control system is described. The system comprises a main microprocessor (10) for controlling the vehicle engine and a monitoring microprocessor (12) for monitoring the correct operation of the main microprocessor (10). The monitoring microprocessor (12) is configured to receive a first signal (20) indicative of a driver command, and a second signal (18) indicative of an actual engine output parameter. The monitoring microprocessor (12) is further configured to determine from the first and second signals (20, 18) if the actual engine output parameter is within a predefined acceptable operating envelope. In the event that a fault is detected in the main microprocessor (10), the main microprocessor is allowed to continue to operate the vehicle engine provided that the actual engine output parameter is within the acceptable operating envelope as monitored by the monitoring microprocessor (12).

IPC 8 full level
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CPC (source: EP)
F02D 41/22 (2013.01); **F02D 41/266** (2013.01)

Cited by
US9278746B1; US9940762B2; US9726108B2; WO2012016155A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
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