Title (en)
METHOD FOR MONITORING AN ENGINE CONTROL UNIT

Title (de)
VERFAHREN ZUR ÜBERWACHUNG EINER MOTORSTEUEREINHEIT

Title (fr)
PROCÉDÉ DE SUPERVISION D'UNE UNITÉ DE CONTRÔLE MOTEUR

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Application
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Abstract (en)
[origin: CA3137976A1] The invention relates to a method (1, 28) for monitoring an engine control unit (2) having at least two separate paths (4, 6), each of the paths (4, 6) comprising at least: - means for carrying out a given application task AS, the application task AS consisting in part of a plurality of calculations which are performed consecutively and between which there are periods of latency; - a first component (14) capable of performing the calculations; - a second component (16) capable of storing data; the application tasks AS of the paths (4) being capable of communicating, the method comprising the following steps: a) detecting a period of latency; b) performing, during said period of latency, a test of the operational state (26) of at least one of the components (14, 16); c) determining a state of the component (14, 16) corresponding to a failure state or a healthy state.

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