

Title (en)

Temperature control device for the cooling system of an internal combustion engine

Title (de)

Kühlmitteltemperaturregelsystem für die Kühlanlage eines Verbrennungsmotors

Title (fr)

Dispositif de régulation de la température du système de refroidissement d'un moteur à combustion interne

Publication

EP 0727570 B1 19980826 (DE)

Application

EP 95119912 A 19951216

Priority

DE 19504893 A 19950214

Abstract (en)

[origin: EP0727570A1] The electronic engine controller (1) incorporates a functional unit (4) detecting any defect in the controller (2) of the air-conditioning system through which the coolant passes. A switching signal (Sv) for the thermostatic valve is generated by a diagnostic driver circuit (3) as a function of inputs from e.g. the air-conditioning control panel. To adjust e.g. the idling speed of the engine while the vehicle is stationary, an air-conditioning command signal (SAC) and a compressor switch-on signal (SKO) are AND-gated. The valve is opened if a fault signal persists pref. beyond a time limit (dt) while the coolant temp. exceeds a predetermined threshold (TKdef).

IPC 1-7

F01P 7/16

IPC 8 full level

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CPC (source: EP US)

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