

Title (en)

METHOD FOR THERMALLY REGULATING USING A PREDICTIVE MODEL FOR A COOLING CIRCUIT OF AN ENGINE

Title (de)

VERFAHREN ZUR WÄRMEREGLUNG UNTER VERWENDUNG EINES PRÄDIKTIVEN MODELLS FÜR EINEN KÜHLKREISLAUF EINES MOTORS

Title (fr)

PROCÉDÉ DE RÉGULATION THERMIQUE PAR MODÈLE PRÉDICTIF POUR UN CIRCUIT DE REFROIDISSEMENT D'UN MOTEUR

Publication

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Application

EP 05762328 A 20050422

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Abstract (en)

[origin: WO2005106223A1] The invention relates to a method for controlling a cooling circuit of an engine M, e.g. of an automobile, flowed through by a cooling fluid and comprising at least one actuator (PC, VC) controlled in a manner that permits a modification of the flow rate and/or of the temperature of the fluid and/or a modification of the path followed by the fluid in the circuit. This method consists of determining at least one item of data output data serving to control the actuator(s) (PC, VC) according to at least one item of input data selected among the temperature of the engine (M), the heat dissipated by the engine (M) and/or at least one other specific value of the thermal state of the engine (M).

IPC 8 full level

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