

Title (en)

METHOD FOR DETERMINING A SUBSTITUTION TEMPERATURE OF THE COOLANT LIQUID OF A HEAT ENGINE EQUIPPED WITH AN ADDITIONAL HEATER

Title (de)

VERFAHREN ZUR BESTIMMUNG EINER ERSATZTEMPERATUR DER KÜHLFLÜSSIGKEIT EINER WÄRMEKRAFTMASCHINE MIT ZUSATZHEIZUNG

Title (fr)

PROCEDE DE DETERMINATION D'UNE TEMPERATURE DE SUBSTITUTION DU LIQUIDE DE REFROIDISSEMENT D'UN MOTEUR THERMIQUE EQUIPE D'UN RECHAUFFEUR ADDITIONNEL

Publication

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Application

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Abstract (en)

[origin: WO2017046477A1] The invention mainly concerns a method for determining a substitution temperature (Ts) for substituting a coolant liquid at a measured temperature (Tm) in order to control a heat engine, said heat engine being combined with a cooling circuit in connection with an additional heater, characterised in that, when said additional heater has been used prior to the starting of the heat engine, said method comprises:
- a step of calculating said substitution temperature (Ts) from heating profiles of the coolant liquid depending, in particular, on an activation period (Dact) of said additional heater, and
- a step of transmitting said substitution temperature (Ts) to an engine computer in order to ensure the control of said heat engine.

IPC 8 full level

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