

Title (en)

HEAT CONTROL METHOD FOR A HEAT CONTROL DEVICE, PARTICULARLY FOR A VEHICLE INTERIOR

Title (de)

WÄRMESTEUERUNGSVERFAHREN FÜR EINE WÄRMESTEUERUNGSVORRICHTUNG, INSBESONDERE FÜR EINEN FAHRZEUGINNENRAUM

Title (fr)

PROCÉDÉ DE GESTION THERMIQUE POUR DISPOSITIF DE GESTION THERMIQUE, EN PARTICULIER POUR UN HABITACLE DE VÉHICULE

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Application

EP 19795270 A 20190925

Priority

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Abstract (en)

[origin: WO2020065218A1] The invention relates to a heat control method for a heat control device, particularly for a vehicle interior, comprising the steps of: detecting, delimiting and positioning different parts of the body of an occupant (U), measuring thermal or physiological variables of different parts of the body of the occupant (U) and/or the vehicle interior around the occupant (U), establishing a plurality of thermal comfort indices (I_n), each thermal comfort index (I_n) corresponding to one of the parts of the body of the occupant (U) taking into account a sensation of heat or cold in the associated part of the body, the absolute value of said thermal comfort index being minimal in a situation involving comfort, controlling the operation of a heat control device (3) by minimising a total of the absolute values of the comfort indices ($\sum |I_n|$) in order to generate a thermal environment which is controlled around the occupant (U).

IPC 8 full level

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