

Title (en)

ELECTRIC THERMAL FLUID CONDITIONING DEVICE FOR A MOTOR VEHICLE AND CORRESPONDING HEATING AND/OR AIR-CONDITIONING FACILITY

Title (de)

ELEKTRISCH-THERMISCHE FLÜSSIGKEITSKONDITIONIERUNGSVORRICHTUNG FÜR EIN KRAFTFAHRZEUG UND ENTSPRECHENDE HEIZ-, KLIMAAANLAGE

Title (fr)

DISPOSITIF ÉLECTRIQUE DE CONDITIONNEMENT THERMIQUE DE FLUIDE POUR VÉHICULE AUTOMOBILE, ET APPAREIL DE CHAUFFAGE ET/OU DE CLIMATISATION ASSOCIÉ

Publication

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Application

EP 14789216 A 20141016

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Abstract (en)

[origin: WO2015067454A1] The invention relates to an electric thermal fluid conditioning device (1) for a motor vehicle, said device (1) comprising at least two thermal modules (3a, 3b) arranged for a parallel flow of the fluid in a direction shared in both thermal modules (3a, 3b), a thermal module (3a, 3b) comprising: - an enclosure (13a, 13b), and - a core (11a, 11b) arranged inside the enclosure (13a, 13b), so as to define a guide circuit (15a, 15b) for the fluid between the core (11a, 11b) and the enclosure (13a, 13b). According to the invention, the core (11a, 11b) of a thermal module (3a, 3b) comprises at least one electric means (17) for heating the fluid, so as to allow a heat transfer between the electric heating means (17) and the fluid able to flow in the guide circuit (15a, 15b).

IPC 8 full level

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Citation (search report)

See references of WO 2015067454A1

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