

Title (en)

THERMAL REGULATION DEVICE FOR AT LEAST ONE ELECTRICAL AND/OR ELECTRONIC ELEMENT

Title (de)

WÄRMEREGELUNGSVORRICHTUNG FÜR MINDESTENS EIN ELEKTRISCHES UND/ODER ELEKTRONISCHES ELEMENT

Title (fr)

DISPOSITIF DE RÉGULATION THERMIQUE POUR AU MOINS UN ÉLÉMENT ÉLECTRIQUE ET/OU ÉLECTRONIQUE

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Application

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Abstract (en)

[origin: WO2022263326A1] The invention relates to a thermal regulation device (3) for at least one electrical and/or electronic component (5), the temperature of which has to be regulated, the thermal regulation device (3) having at least one housing (25) comprising a plurality of walls delimiting a receptacle (500) intended to receive the electrical and/or electronic component (5), the device (3) further having a dielectric fluid circuit (15) configured to allow the circulation of a dielectric fluid, characterized in that at least one of the walls (29) of the housing (25) has at least one spray orifice (37) for spraying the dielectric fluid into the receptacle (500), the spray orifice (37) being fluidically connected to the dielectric fluid circuit, the dielectric fluid circuit (15) having a section (30) formed within one of the walls (29, 31) of the housing (25), the section of the dielectric fluid circuit further receiving a thermal element (9, 91, 92) intended to exchange heat with the dielectric fluid circulating in the dielectric fluid circuit (15).

IPC 8 full level

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