

Title (en)  
TEMPERATURE-CONTROL APPARATUS COMPRISING A HOUSING FRAME

Title (de)  
TEMPERIERVORRICHTUNG UMFASSEND EINEN GEHÄUSERAHMEN

Title (fr)  
DISPOSITIF DE THERMORÉGULATION COMPORTANT CE CADRE

Publication  
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Application  
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Abstract (en)  
[origin: WO2011047851A1] The present invention relates to a housing frame (2) of a temperature-control apparatus (1, 64), wherein a temperature T1 prevails outside the temperature-control apparatus (1, 64) and a temperature T2 prevails within the temperature-control apparatus (1, 64), wherein at least one of the edges of the housing frame is formed by a frame profile (5; 68) which comprises a base profile (13) composed of plastic and at least one pair of metal elements (14, 15; 34; 36 to 39) which are arranged in pairs parallel to one another and which are in the form of reinforcing strips and, over their entire abutment area on the base profile (13), are cohesively connected to said base profile, wherein the cross section of the frame profile has an axis (62) of symmetry, the isotherm for the temperature  $(T1 - T2)/2$  at the point of intersection with the axis (62) of symmetry is arranged on said axis of symmetry orthogonally, and the isotherm for the temperature  $(T1 - T2)/2$  does not exhibit a point of intersection with the metal elements (14, 15; 34; 36 to 39); and/or at least one of the posts (10, 69) of the housing frame (2) is formed by a post profile (70) which comprises a base profile (73) composed of plastic and at least one pair of metal elements (78, 79, 82, 83) which are arranged in pairs parallel to one another and which are in the form of reinforcing strips and, over their entire abutment area on the base profile (73), are cohesively connected to said base profile, wherein the cross section of the frame profile has an axis (62) of symmetry, the isotherm for the temperature  $(T1 - T2)/2$  at the point of intersection with the axis (62) of symmetry is arranged on said axis of symmetry orthogonally, and the isotherm for the temperature  $(T1 - T2)/2$  does not exhibit a point of intersection with the metal elements (78, 79, 82, 83).

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