

Title (en)
DEVICE FOR THERMAL PROCESSING OF AN ELECTRICAL ELEMENT LIABLE TO GET HOT AND METHOD IMPLEMENTING THE THERMAL PROCESSING DEVICE

Title (de)
VORRICHTUNG ZUR THERMISCHEN VERARBEITUNG EINES ELEKTRISCHEN ELEMENTS, DAS HEISS WERDEN KANN, UND VERFAHREN ZUR IMPLEMENTIERUNG DER THERMISCHEN VERARBEITUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE TRAITEMENT THERMIQUE D'UN ÉLÉMENT ÉLECTRIQUE SUSCEPTIBLE DE CHAUFFER ET PROCÉDÉ METTANT EN OUVRE LE DISPOSITIF DE TRAITEMENT THERMIQUE

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Application
EP 19794604 A 20190919

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• FR 1860652 A 20181116
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Abstract (en)
[origin: WO2020099740A1] The invention relates to a device (200) for thermal processing of at least one electrical element placed in a chamber (120) and liable to get hot, the thermal processing device (200) comprising at least one first circuit configured to be passed through by a heat-transfer fluid and at least one second circuit configured to be passed through by a dielectric fluid, characterised in that the first circuit and the second circuit are at least partially bounded by a face placed facing the chamber (120). The invention also relates to an electrical device (100) comprising a casing (110), a plurality of electrical elements liable to get hot and a thermal processing device (200). The invention relates to a method for cooling a plurality of electrical elements liable to get hot of an electrical device (100).

IPC 8 full level
H01M 10/625 (2014.01); **F28F 3/00** (2006.01); **H01L 23/433** (2006.01); **H01M 10/613** (2014.01); **H01M 10/6569** (2014.01); **H01M 50/204** (2021.01); **H05K 7/20** (2006.01)

CPC (source: EP US)
F28D 1/035 (2013.01 - EP US); **F28F 3/12** (2013.01 - EP); **H01L 23/427** (2013.01 - EP); **H01M 10/613** (2015.04 - EP US); **H01M 10/625** (2015.04 - EP US); **H01M 10/6556** (2015.04 - EP US); **H01M 10/6569** (2015.04 - EP US); **H01M 50/204** (2021.01 - EP US); **H05K 7/20218** (2013.01 - US); **H05K 7/20236** (2013.01 - EP); **H01M 2220/20** (2013.01 - EP US); **Y02E 60/10** (2013.01 - EP)

Citation (search report)
See references of WO 2020099740A1

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