

Title (en)
ELECTRIC HEATING DEVICE AND METHOD FOR ITS PRODUCTION

Title (de)
ELEKTRISCHE HEIZVORRICHTUNG UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)
DISPOSITIF DE CHAUFFAGE ÉLECTRIQUE ET SON PROCÉDÉ DE FABRICATION

Publication
EP 3863373 B1 20240619 (DE)

Application
EP 21155256 A 20210204

Priority
DE 102020201571 A 20200210

Abstract (en)
[origin: US2021247105A1] An electric heating device includes a housing having a partition wall which separates a connection chamber from a heating chamber for dissipating heat and from which at least one receiving pocket protrudes into the heating chamber as a heating rib. A PTC heating device with at least one PTC element and conductor tracks for energizing the PTC element with different polarities, which are electrically conductively connected to the latter and which are electrically connected in the connection chamber, are received in the housing. The PTC element and at least one of the conductor tracks are received in a heater casing. The heater casing is pressed into the receiving pocket subject to plastic deformation of the heater casing and/or the receiving pocket.

IPC 8 full level
H05B 3/78 (2006.01); **B60H 1/22** (2006.01); **F24H 3/04** (2022.01)

CPC (source: CN EP US)
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