

Title (en)

METHOD FOR MANUFACTURING AN ELECTRIC HEATING DEVICE AND ELECTRIC HEATING DEVICE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER ELEKTRISCHEN HEIZVORRICHTUNG UND ELEKTRISCHE HEIZVORRICHTUNG

Title (fr)

PROCÉDÉ DE FABRICATION D'UN DISPOSITIF DE CHAUFFAGE ÉLECTRIQUE ET DISPOSITIF DE CHAUFFAGE ÉLECTRIQUE

Publication

**EP 3876669 B1 20240508 (DE)**

Application

**EP 20200069 A 20201005**

Priority

DE 102020105782 A 20200304

Abstract (en)

[origin: CN113365375A] Disclosed is a method for producing an electrical heating device with an electrical heating element, which is arranged in the interior of a multi-part tubular metal jacket embedded in an electrically insulating material, wherein the electrical heating device has, within the multi-part tubular metal jacket, on at least one end, an unheated area, in which, during operation of the electrical heating device, electrical current flows at least also through at least one connection wire, and/or at least one connection sleeve and/or at least one connection pin, which is in electrical contact with the electrical heating element, and further has a heated area, in which, during operation of the electrical heating device, electrical current flows only through a section of the electrical heating element running in the heated area. The electrical heating device which can be produced with this method, is also disclosed.

IPC 8 full level

**H05B 3/06** (2006.01); **H05B 3/48** (2006.01)

CPC (source: CN EP US)

**B21D 51/16** (2013.01 - US); **H05B 3/02** (2013.01 - CN); **H05B 3/06** (2013.01 - EP US); **H05B 3/40** (2013.01 - CN US); **H05B 3/44** (2013.01 - US); **H05B 3/48** (2013.01 - EP US); **H05B 3/78** (2013.01 - US); **H05B 2203/014** (2013.01 - EP US); **H05B 2203/017** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3876669 A1 20210908**; **EP 3876669 B1 20240508**; CN 113365375 A 20210907; DE 102020105782 A1 20210909; US 2021298130 A1 20210923

DOCDB simple family (application)

**EP 20200069 A 20201005**; CN 202110236277 A 20210303; DE 102020105782 A 20200304; US 202117189925 A 20210302