### Title (en)

## ELECTRIC HEATING DEVICE

Title (de)

ELEKTRISCHE HEIZVORRICHTUNG

Title (fr)

DISPOSITIF DE CHAUFFAGE ÉLECTRIQUE

Publication

# EP 3096587 B1 20190717 (DE)

Application

# EP 15168434 A 20150520

Priority

EP 15168434 A 20150520

Abstract (en)

[origin: WO2016184675A1] The invention relates to an electrical heating device (1), in particular for a motor vehicle, comprising at least one heating element (9) and at least one control device (3) with a housing (2), at least one printed circuit board (4) with a first printed circuit board section (5) and a second printed circuit board section (6), and at least one first plug device (7) and at least one second plug device (8), wherein the two plug devices (7, 8) function to connect the at least one heating element (9) to the control device (3), wherein the housing (2) only partially accommodates the at least one printed circuit board (4), wherein the first printed circuit board section (5) is arranged in the housing (2) and the second printed circuit board section (6) protrudes out of the housing (2), and the at least one first plug device (7) is connected to the second printed circuit board section (6) and the at least one second plug device (8) is connected to the heating element (9).

IPC 8 full level

### H05B 3/06 (2006.01); F24H 3/04 (2006.01)

CPC (source: EP)

F24H 3/0441 (2013.01); H05B 3/06 (2013.01); H05B 2203/023 (2013.01)

Cited by

FR3075327A1; FR3065856A1; EP3480532A1; CN109768414A; FR3126480A1; EP4155619A1; WO2021058507A1; WO2018197812A1; WO2019122584A1; EP3480532B1

#### 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 3096587 A1 20161123; EP 3096587 B1 20190717; WO 2016184675 A1 20161124

DOCDB simple family (application)

EP 15168434 A 20150520; EP 2016059793 W 20160502