

Title (en)

Heat-generating element for an electrical heating device and method for manufacturing the same

Title (de)

Wärmeerzeugendes Element für eine elektrische Heizvorrichtung und Verfahren zur Herstellung derselben

Title (fr)

Élément générateur de la chaleur pour un dispositif chauffant électrique et son procédé de fabrication

Publication

EP 1916873 B1 20090429 (DE)

Application

EP 06022337 A 20061025

Priority

EP 06022337 A 20061025

Abstract (en)

[origin: EP1916873A1] The element (1) has a positive temperature coefficient (PTC) heating element (5), where insulating housing surrounds the positive temperature coefficient heating element. Electric conductor tracks are in contact with the PTC heating element on opposing sides. The housing consists of housing shell element (2) and a mating shell element (3), which rest against each other with a sealing strip (4) interposed between elements, and enclose and seal the PTC heating element. An independent claim is also included for an additional electric heater for a motor vehicle with a layer structure held in a frame.

IPC 8 full level

H05B 3/12 (2006.01); **H01C 7/02** (2006.01); **H05B 3/18** (2006.01)

CPC (source: EP KR US)

F24H 3/04 (2013.01 - KR); **H01C 1/022** (2013.01 - EP US); **H01C 1/1406** (2013.01 - EP US); **H01C 7/02** (2013.01 - EP US); **H05B 3/06** (2013.01 - KR); **H05B 3/14** (2013.01 - KR); **H05B 3/50** (2013.01 - EP US); **H05B 2203/02** (2013.01 - EP US)

Cited by

DE102017223782A1; DE102009025474C5; EP2109345A1; CN104509205A; EP2296432A1; US10136474B2; EP2393336A1; DE102017209990A1; CN110012564A; EP2957840A1; US9894715B2; DE102019204472A1; EP4362606A1; DE102022127875A1; DE102020205646A1; DE202011003209U1; US8395087B2; US11686502B2; WO2014009013A3; EP3515152A2; EP2873296B1

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DOCDB simple family (application)

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