

Title (en)
Heat generating element

Title (de)
Wärme erzeugendes Element

Title (fr)
Élément chauffant

Publication
EP 2637475 B1 20161012 (DE)

Application
EP 12001603 A 20120308

Priority
EP 12001603 A 20120308

Abstract (en)
[origin: EP2637475A1] The generating element has a positive temperature coefficient (PTC) element provided on both sides of planar adjoining contact plates (4). A single-piece housing (2) forms an aperture (6) for receiving the PTC element. A connection side (16) of the housing is exposed to contact tongues (48) associated with the contact plates. The contact plates comprise a plug-in tab (30), which is received in insertion openings (26, 28) that are formed by the housing. The plug-in tab is formed by a free-cut plug-in lug.

IPC 8 full level
H05B 3/24 (2006.01)

CPC (source: EP)
H05B 3/06 (2013.01); **H05B 3/24** (2013.01); **H05B 2203/016** (2013.01); **H05B 2203/02** (2013.01); **H05B 2203/023** (2013.01)

Citation (examination)
EP 2607121 A1 20130626 - EBERSPAECHER CATEM GMBH & CO [DE]

Cited by
DE102018205314A1; EP3101365A1; DE102018205318A1; EP3101998A1; DE102018212012A1; DE102017223785A1; DE102018220333A1; EP3101999A1; CN111542757A; DE102018205316A1; EP3585134A1; US10780762B2; EP3290821A1; US2021204365A1; CN106231700A; EP3290819A1; DE102018205319A1; WO2018158286A1; EP3290820A1; US10485059B2; US10524310B2; EP3598847A1; DE102018220333B4

Designated contracting state (EPC)
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EP 2637475 A1 20130911; EP 2637475 B1 20161012; EP 2637475 B9 20170125; CN 103313443 A 20130918; CN 103313443 B 20150909

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EP 12001603 A 20120308; CN 201310075214 A 20130308