

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; US2021204365A1; CN106231700A; US10780762B2; EP3290821A1; EP3290819A1; DE102018205319A1; WO2018158286A1; EP3290820A1; US10485059B2; EP3598847A1; US10524310B2; DE102018220333B4

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 2637475 A1 20130911; EP 2637475 B1 20161012; EP 2637475 B9 20170125**; CN 103313443 A 20130918; CN 103313443 B 20150909

DOCDB simple family (application)  
**EP 12001603 A 20120308**; CN 201310075214 A 20130308