

Title (en)
Heat generating element

Title (de)
Wärme erzeugendes Element

Title (fr)
Élément chauffant

Publication
EP 2637474 B1 20160817 (DE)

Application
EP 12001601 A 20120308

Priority
EP 12001601 A 20120308

Abstract (en)
[origin: EP2637474A1] The heat generating element has housing with aperture for receiving positive temperature coefficient (PTC) element (12). The contact plates (4,68) are associated with the contact tongues (48). The wedge elements are interconnected with wider and narrower end faces via first and second wedge surfaces (114,116). The wedge surfaces are extended parallel to one of the contact plates. The intermediate layer of sliding plate (80) abutting against wedge surface is exposed on the outside of the housing and sliding plate is connected to the housing.

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)

Cited by
CN110454969A; CN113692072A; CN112312599A; DE102019211567A1; EP4064788A3; DE102019211569A1; EP3650778A1; DE102019211565A1; WO2019072800A1; US11723119B2; DE102019211569B4; DE102020113402A1; DE102020117366A1; EP4050970A1; DE102021104680A1; EP4084577A2; DE102021110624A1; EP4064788A2; DE102021106299A1; US11105532B2; US11395375B2; EP3863373A1; DE102020201571A1; US11619422B2; DE102023101295A1

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 2637474 A1 20130911; EP 2637474 B1 20160817; CN 103313444 A 20130918; CN 103313444 B 20150826

DOCDB simple family (application)
EP 12001601 A 20120308; CN 201310075320 A 20130308