

Title (en)  
HEAT-GENERATING ELEMENT AND METHOD FOR PRODUCING THE SAME

Title (de)  
WÄRMEERZEUGENDES ELEMENT UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)  
ÉLÉMENT PRODUISANT DE LA CHALEUR ET SON PROCÉDÉ DE FABRICATION

Publication  
**EP 3598847 B1 20210929 (DE)**

Application  
**EP 19186522 A 20190716**

Priority  
DE 102018212012 A 20180718

Abstract (en)  
[origin: CN110740527A] The invention relates to a heat-generating element comprising a PTC element (2) and a contact piece (6) which is electrically conductively attached to a lateral surface (4) of the PTC element (2) and which is provided for feeding the PTC element (2) with different polarities. The aim of the invention is to permanently and reliably establish a contact between a contact piece and a PTC element and to easily operate a heat-generating element within the scope of a production scheme. According to the invention, at least one contact piece (6) is provided with a retaining tab (12), which rests against the opposite side (4) of the PTC element (2), on which the other contact piece (6) rests in an electrically conductive manner, with an insulating layer interposed therebetween, and which engages over the PTC element (2) in a form-fitting manner.

IPC 8 full level  
**H05B 3/50** (2006.01); **B60H 1/22** (2006.01); **F24H 3/04** (2006.01); **F24H 9/18** (2006.01)

CPC (source: CN EP)  
**F24H 3/0405** (2013.01 - EP); **F24H 9/1863** (2013.01 - EP); **H05B 3/02** (2013.01 - CN); **H05B 3/03** (2013.01 - CN); **H05B 3/06** (2013.01 - CN); **H05B 3/32** (2013.01 - CN); **H05B 3/50** (2013.01 - EP); **H05B 2203/02** (2013.01 - EP)

Cited by  
GB2618837A

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 3598847 A1 20200122**; **EP 3598847 B1 20210929**; CN 110740527 A 20200131; CN 110740527 B 20220830;  
DE 102018212012 A1 20200123

DOCDB simple family (application)  
**EP 19186522 A 20190716**; CN 201910653384 A 20190718; DE 102018212012 A 20180718