

Title (en)

Device with thick film heater and its manufacturing process

Title (de)

Vorrichtung mit einem Dickschicht-Heizelement und Verfahren zu dessen Herstellung

Title (fr)

Élément chauffant à couche épaisse et son procédé de fabrication

Publication

EP 1024680 B1 20050914 (DE)

Application

EP 00101111 A 20000120

Priority

DE 19903590 A 19990129

Abstract (en)

[origin: EP1024680A2] The arrangement has a thick film heating element (10) supplied with a first supply voltage via two contact surfaces (14,16). A second supply voltage for an auxiliary load can be tapped from a third contact surface (20) on the heating element. is also included for a method of manufacturing a base body for a control unit for an arrangement with a thick film heating element.

IPC 1-7

H05B 3/26; H01C 17/24; G01R 1/20

IPC 8 full level

H05B 3/08 (2006.01)

CPC (source: EP)

H05B 3/08 (2013.01); **H05B 2203/013** (2013.01); **H05B 2203/017** (2013.01)

Cited by

US9371841B2; WO2005011331A1

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

EP 1024680 A2 20000802; EP 1024680 A3 20020502; EP 1024680 B1 20050914; DE 19903590 A1 20000803; DE 50011144 D1 20051020;
ES 2249203 T3 20060401

DOCDB simple family (application)

EP 00101111 A 20000120; DE 19903590 A 19990129; DE 50011144 T 20000120; ES 00101111 T 20000120