

Title (en)  
Heater, especially for kitchen appliances

Title (de)  
Heizer, insbesondere für Küchengeräte

Title (fr)  
Élément chauffant, en particulier pour appareils de cuisine

Publication  
**EP 0585831 B1 20010627 (DE)**

Application  
**EP 93113722 A 19930827**

Priority  
DE 4229373 A 19920903

Abstract (en)  
[origin: EP0585831A2] Heating and/or bias resistors (10) are curved into an undulating shape from flat strip and are pressed into the base (7) of insulation (3) such that they are in consequence secured only against lifting off from the base (7), namely by friction. The respective resistor (10) has edge surfaces (14,15) which are continuous without any interruptions and without any steps. In consequence, an area-specific high power density can be achieved with a very simple construction. <IMAGE>

IPC 1-7  
**H05B 3/74**; **H05B 3/68**

IPC 8 full level  
**F24C 7/04** (2006.01); **H05B 3/06** (2006.01); **H05B 3/68** (2006.01); **H05B 3/74** (2006.01)

CPC (source: EP US)  
**H05B 3/748** (2013.01 - EP US)

Cited by  
DE19638640A1; DE19638640C2; EP0625865A3; US5477605A; DE102010011702A1; DE102013216258A1; DE102012002163A1; WO2013113703A1; EP3115698A1; DE102015212916A1

Designated contracting state (EPC)  
AT CH DE ES FR GB GR IT LI SE

DOCDB simple family (publication)  
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**EP 93113722 A 19930827**; AT 93113722 T 19930827; AU 4484793 A 19930825; CN 93118974 A 19930903; DE 4229373 A 19920903; DE 59310182 T 19930827; ES 93113722 T 19930827; GR 20010401029 T 20010706; JP 24032893 A 19930902; SI 9300459 A 19930903; TR 78593 A 19930903; TW 82103713 A 19930512; US 11614593 A 19930902; ZA 936468 A 19930902