

Title (en)  
Heating element and its use

Title (de)  
Heizelement und dessen Verwendung

Title (fr)  
Élément de chauffage et son utilisation

Publication  
**EP 2234455 B1 20150923 (DE)**

Application  
**EP 10001926 A 20100225**

Priority  
DE 102009014697 A 20090327

Abstract (en)  
[origin: EP2234455A2] The element has a flexible grid structure (2) containing electrically conductive, flexible and extendable paste (3) and arranged on a support (1), which is made of flexible material i.e. nonwoven fabric. Grid elements (4) are electroconductively and mechanically connected with each other by intersection points (5). The grid elements are formed by polygon elements and rhombus elements (7). A thickness of the grid elements and/or the intersection points ranges from 50 micrometers and 250 micrometers. A width of the grid elements and/or the intersection points ranges from 2 mm to 10 mm.

IPC 8 full level  
**H05B 3/34** (2006.01)

CPC (source: EP US)  
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