

Title (en)  
ELECTROCERAMIC COMPONENT

Title (de)  
ELEKTROKERAMISCHES BAUELEMENT

Title (fr)  
COMPOSANT ELECTROCERAMIQUE

Publication  
**EP 1412953 A2 20040428 (DE)**

Application  
**EP 02754320 A 20020704**

Priority  
• DE 0202457 W 20020704  
• DE 10137873 A 20010802

Abstract (en)  
[origin: US2004264092A1] An electric component with a fuse against overvoltages in which a current path is defined between a first and second electric contact (5, 15) that runs through at least one ceramic base body (1) and an electrically conducting piece (10) in direct thermal contact with the base body and is constructed in such a way that, when the predetermined operating voltage of the component is exceeded, it melts due to the heating of the base body and breaks the current path. Electric flashovers between the regions of the current path that are in contact with the electrically conducting piece (10) are prevented by an electrically insulating material (20)

IPC 1-7  
**H01C 7/10**

IPC 8 full level  
**H01C 7/10** (2006.01); **H01C 7/12** (2006.01)

CPC (source: EP US)  
**H01C 7/126** (2013.01 - EP US)

Citation (search report)  
See references of WO 03017292A2

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**US 2004264092 A1 20041230; US 7728709 B2 20100601**; AT E339768 T1 20061015; DE 10137873 C1 20021017; DE 50208156 D1 20061026; EP 1412953 A2 20040428; EP 1412953 B1 20060913; JP 2004538658 A 20041224; TW 569244 B 20040101; WO 03017292 A2 20030227; WO 03017292 A3 20031211

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