

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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