

Title (en)  
ZINC OXIDE VARISTOR WITH REDUCED FRINGE CURRENT EFFECTS

Publication  
**EP 0058336 A3 19830511 (EN)**

Application  
**EP 82100710 A 19820202**

Priority  
US 23436981 A 19810213

Abstract (en)  
[origin: EP0058336A2] A zinc oxide varistor disc is provided with a reduced cross section in the vicinity of the rim to deter the transport of fringing current in the vicinity of the edges of the electrodes which are of a lesser diameter than the varistor disc. One embodiment comprises a varistor disc having a plurality of grooves formed circumferentially around the disc perimeter.

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

IPC 8 full level  
**H01C 7/10** (2006.01); **H01C 7/102** (2006.01); **H01C 7/112** (2006.01)

CPC (source: EP)  
**H01C 7/102** (2013.01); **H01C 7/112** (2013.01)

Citation (search report)  
• [A] DE 2738367 A1 19790301 - SIEMENS AG  
• [A] GB 1204702 A 19700909 - ENERGY CONVERSION DEVICES INC [US]  
• [A] DE 1414326 A1 19681212 - SIEMENS AG  
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EP0171642A1; DE3405834A1; US4451815A; GB2321135A; GB2321135B

Designated contracting state (EPC)  
CH DE FR GB LI SE

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**EP 0058336 A2 19820825; EP 0058336 A3 19830511; EP 0058336 B1 19870819**; DE 3277042 D1 19870924; DE 58336 T1 19830105; JP S57152106 A 19820920; MX 157914 A 19881220

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