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## EUROPEAN PATENT APPLICATION

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⑷ Applicant: GENERAL ELECTRIC COMPANY, 1 River Road, Schenectady New York 12305 (US)

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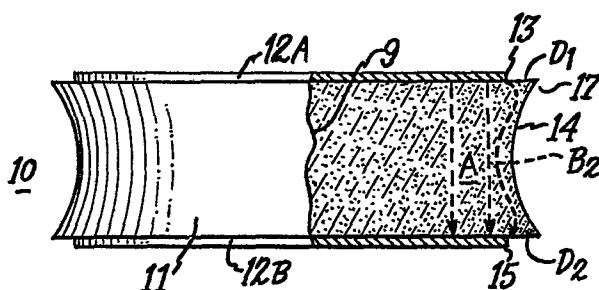
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㉑ Designated Contracting States: CH DE FR GB LI SE

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㉓ Zinc oxide varistor with reduced fringe current effects.

㉔ A zinc oxide varistor disc (10) 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 (13, 15) of the electrodes which are of a lesser diameter than the varistor disc. One embodiment comprises a varistor disc (11) having a plurality of grooves (18) formed circumferentially around the disc perimeter.



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EUROPEAN SEARCH REPORT

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Application Number

EP 82 10 0710

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
Category	Citation of document with indication, where appropriate, of relevant passages		
A	--- DE-A-2 738 367 (SIEMENS A.G.) *Claims 1,7; page 4, line 35 - page 5, line 22; figure 1*	1	H 01 C 7/10
A	--- GB-A-1 204 702 (ENERGY CONVERSION DEVICES) *Claim 1; page 9, line 116-121; figure 12*	1,2	
A	--- DE-A-1 414 326 (SIEMENS A.G.) *Page 3, paragraph 3; page 5, paragraph 2; figures 1,2*	1,2,3	
A	--- CH-A- 257 857 (SPRECHER & SCHUH A.G.) -----		TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			H 01 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE	Date of completion of the search 11-02-1983	Examiner DECANNIERE L.J.	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			