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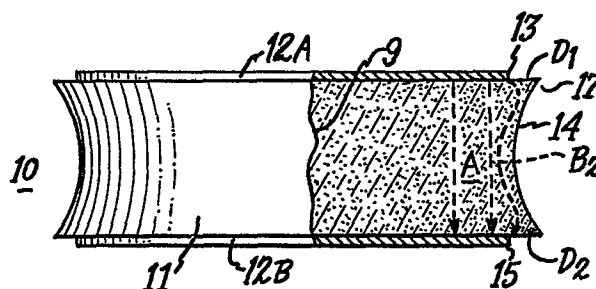
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⑤ **Zinc oxide varistor with reduced fringe current effects.**

⑦ 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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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
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			
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		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	