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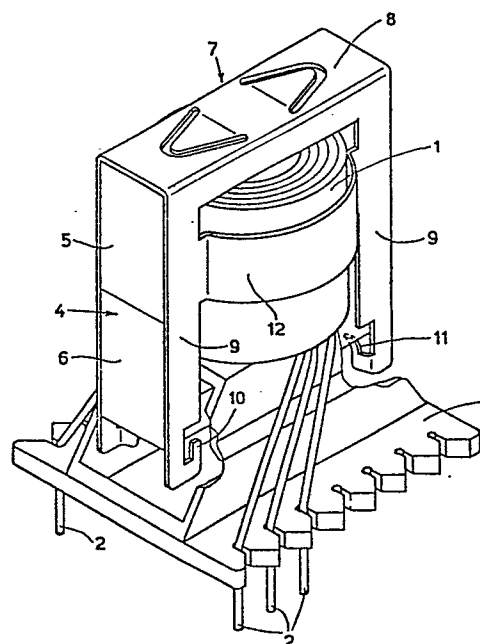
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54 **Switch mode transformer having a ferrite core.**

57 An SMT-type transformer comprises a ferrite core formed of two complementary portions mirror-symmetrically joined to one another, and a body including a primary and a secondary winding supported on one of the legs of the core. The two core portions are retained in the assembled condition by a retaining cage (7) preferably formed of a ferromagnetic material and having a top surface (8) engaging one core portion (5), and a plurality of legs (9) extending from the top surface and having end portions (10, 11) adapted to be bent into engagement with the other core portion (6). Integrally formed with the legs are annular portions (12) surrounding the winding body (1) so as to constitute a short-circuit winding therearound.





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)
X	US-A-3 668 586 (HORBACH) * Column 1, line 71 - column 2, line 31; figures 1,2 * ---	1,3	H 01 F 15/02 H 01 F 15/04 H 01 F 19/08
A	US-A-3 617 854 (COLE) ---	1	
A	IBM TECHNICAL DISCLOSURE BULLETIN, Vol. 23, No. 1, June 1980, NEW YORK, (US). C.C. Chacon et al.: "High voltage shield". * Page 1, line 3 - page 2, line 4; figures * ---	2,3	
A	DE-A-2 209 071 (SIEMENS) ---		TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
A	GB-A-2 035 706 (T.D.K.ELECTRONICS) -----		H 01 F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 03-12-1984	Examiner BIJN E.A.
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	

