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(54) Circuit arrangements.

(57) A circuit arrangement includes a transformer 12 having a core 13 about which is wound a primary winding 14 and a secondary winding 15 which is connected to a load, such as a magnetron. The secondary winding 15 comprises two windings 17 and 18 which are wound in opposite senses and arranged adjacent one another.

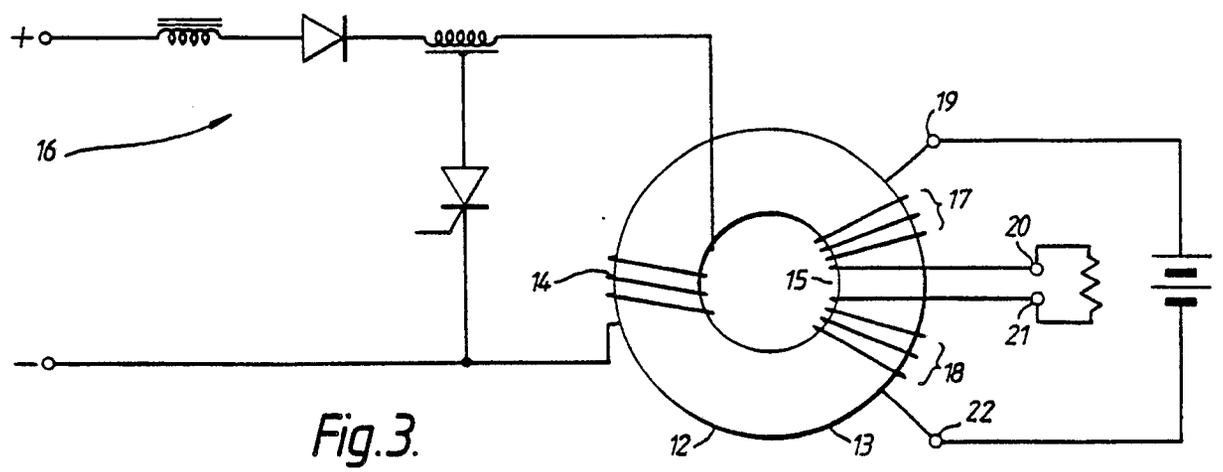

Fig.3.

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EUROPEAN SEARCH REPORT

Application Number

EP 89 30 5127

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.4)
X	GB-A-1238341 (THE MARCONI COMPANY LIMITED) * page 1, line 70 - page 2, line 15 *	1, 2, 4	H01F31/00 H01F19/08
Y		5, 6	H01F27/42
A		7	

Y	IRE TRANSACTIONS ON COMPONENT PARTS. vol. CP-9, no. 2, June 1962, NEW YORK US pages 58 - 61; REUBEN LEE: "REDUCING SIZE OF RADAR PULSE TRANSFORMERS" * pages 58 - 60 *	5, 6	
A		7	

Y	DE-A-3716415 (SIEMENS AKTIENGESELLSCHAFT) * column 4, lines 5 - 35 *	1, 5	
A		2, 3, 6	

Y	Soviet Inventions Illustrated Derwent week B37,published 24 october 1979,LONDON & SU-A-636692 (GOLINSKII V D) *the whole abstract*	1, 5	
A		4, 6	TECHNICAL FIELDS SEARCHED (Int. Cl.4)

A	DE-A-2828721 (CEAG LICHT-UND STROMVERSORGUNGSTECHNIK GMBH)		H01F

A	IEEE,electronic ind.ass.,Proc.of the electr.compon.conf.,Washingt.May 1966 1966, New York pages 112 - 117; K.Aaland: "SATURATING PULSE TRANSFORMER WITH OPTIMIZED LOAD FOR A SOLENOID LOAD"		

A	27th ELECTRONIC COMPONENTS CONFERENCE,ARLINGTON MAY 16-18 1977 pages 115 - 121; Spencer G. Johnston: "DESIGN AND OPERATION OF A FLUX-GATE COMPASS USING A FLOATING CORE"		

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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	05 SEPTEMBER 1990	VANHULLE R.

CATEGORY OF CITED DOCUMENTS

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EP 89 30 5127

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.4)
A	PATENT ABSTRACTS OF JAPAN vol. 5, no. 192 (E-85)(864) 08 December 1981, & JP-A-56 115510 (NIPPON GAKKI SEIZO K.K.) * the whole document *		

TECHNICAL FIELDS SEARCHED (Int. Cl.4)

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