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(71) Applicant: **EEV LIMITED**
106 Waterhouse Lane
Chelmsford, Essex, CM1 2QU(GB)

(72) Inventor: **Fox, David Bernard**
67 Coval Lane
Chelmsford, Essex, CM1 1TG(GB)

(74) Representative: **Cockayne, Gillian et al**
The General Electric Company plc Patent
Department GEC Marconi Research Centre
West Hanningfield Road
Great Baddow, Chelmsford Essex CM2
8HN(GB)

(54) **Anode for a magnetron and method of manufacturing such an anode.**

(57) An anode for a magnetron comprises a cylinder (1) having a plurality of vanes (15) extending radially inwardly therefrom, the vanes having at least two slots (17) formed by substantially circular grooves (5,7,9) with groove centres at substantially the same radius and at least two straps (19,23) located one in each of the slots (17).

The invention also includes a method of making such an anode.

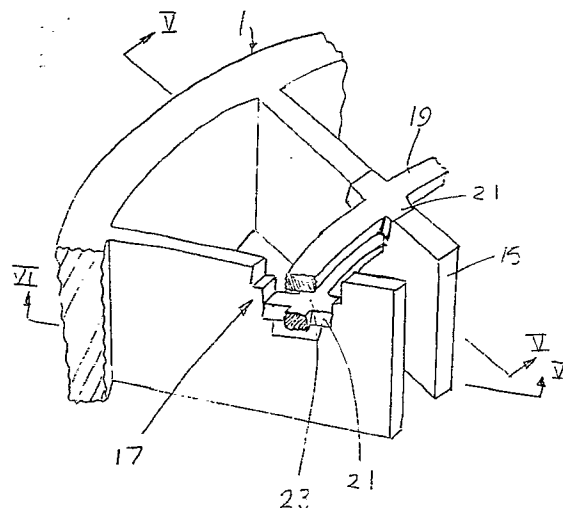


FIG 4

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EUROPEAN SEARCH REPORT

EP 90 31 0750

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.5)
X	PATENT ABSTRACTS OF JAPAN vol. 11, no. 51 (E-480)(2498) 17 February 1987, & JP-A-61 214328 (HITACHI LTD) 24 September 1986, * the whole document *	1,3-6	H 01 J 23/22

X,A	PATENT ABSTRACTS OF JAPAN vol. 12, no. 291 (E-644)(3138) 9 August 1988, & JP-A-63 66824 (TOSHIBA CORP) 25 March 1988, * the whole document *	1,2,6,8,9, 16	

X,A	US-A-3 861 191 (SATO ET AL.) * column 1, lines 45 - 55; figures 1, 3 ** column 3, lines 21 - 45 *	7,16,13, 14	

X,A	US-A-2 852 720 (CRAPUCHETTES) * figures 1, 2 *	1,6,10	

A	FR-A-1 391 842 (LIGNES TELEGRAPHIQUES ET TELEPHONIQUES) * page 2, left-hand column, lines 12 - 18 ** page 2, left-hand column, lines 39 - 49 @ page 2, right-hand column, lines 5 - 6 ** page 2, right-hand column, lines 29 - 56 ** page 3, right-hand column, lines 44 - 48; figures 1, 3B *	3,6-8,11, 14-16	

P,X,A	GB-A-2 226 696 (HITACHI LTD) * abstract; figure 9 ** page 2, line 23 - page 3, line 10 ** page 4, lines 3 - 23 ** page 7, lines 18 - 22 *	1,2,6,4,5	

The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		20 June 91	MARTIN Y VICENTE M.A
CATEGORY OF CITED DOCUMENTS			
X: particularly relevant if taken alone		E: earlier patent document, but published on, or after the filing date	
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P: intermediate document		&: member of the same patent family, corresponding document	
T: theory or principle underlying the invention			