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54 X-ray tubes.

57 An x-ray tube wherein two or more cathode filaments (30, 32) respectively provide the electrons for respective contiguous portions (40a, 40b) of a single unitary anode spot region (40). An elongated spot region may thus be provided by multiple short filaments which are more robust than a single filament required to produce such a spot. Where the anode (12) is a rotating anode, the filaments (30, 32) may be differently energised to take account of the different speeds of anode rotation with distance from the axis (22) of anode rotation.

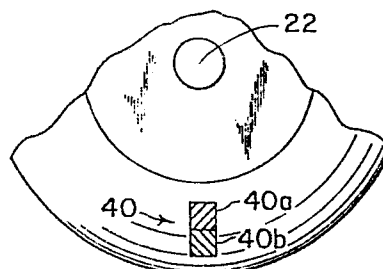


FIG. 4



EP 85 30 8364

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	US-A-4 065 689 (V.W. PLEIL) * Column 4, line 7 - column 5, line 2; figures 1-7 *	1-7	H 01 J 35/06 H 01 J 35/24 H 05 G 1/52
X	--- US-A-4 315 154 (W. WEIGL et al.) * Column 1, line 25 - column 2, line 35; column 3, lines 14-47; column 4, lines 10-27 *	1,6,7	
A		2,3	
X	--- US-A-3 649 861 (Z.J. ATLEE et al.) * Column 1, lines 19-42; column 2, lines 15-32; figures 2,3 *	1,2,7	
A	--- GB-A-1 214 083 (TOKYO SHIBAURA ELECTRIC COMPANY LTD) * Page 3, lines 44-73 *	1-3,6	H 01 J H 05 G
A	--- DE-A-2 850 583 (PHILIPS PATENTVERWALTUNG GmbH) * Page 3, line 26 - page 5, line 29; figures 1,2 *	1-3,6	
A	--- US-A-3 452 203 (K. SHIGA et al.) * Column 2, lines 8-41; column 3, lines 38-61; figure 1 *	1-3,6, 7	
	--- -/-		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 26-02-1987	Examiner HORAK G. I.
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			



DOCUMENTS CONSIDERED TO BE RELEVANT			Page 2
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	US-A-3 946 261 (W.P. HOLLAND et al.) * Column 1, line 29 - column 2, line 42 * -----	1-3,6, 7	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
The present search report has been drawn up for all claims			
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