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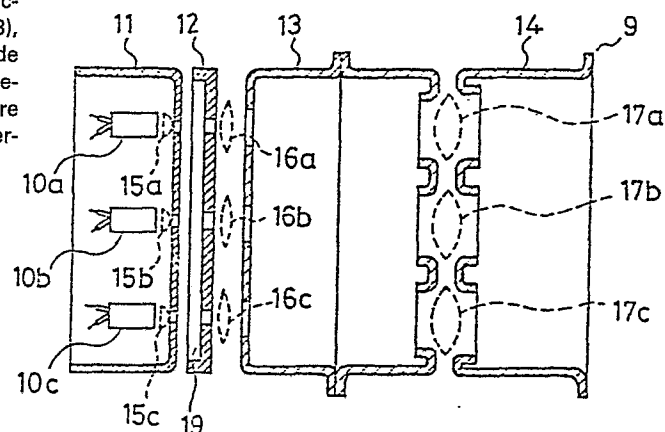
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54 cathode ray tube for color display.

57 An electron gun has a  $G_2$  electrode having a horizontally positioned oblong groove thereon and three apertures for passing three electron beams, which are disposed on a bottom of said groove, and intensity of an electric field on the axis of each electron gun between the  $G_2$  electrode (12) and a  $G_3$  electrode, diameters of respective apertures of a  $G_1$  electrode (11), the  $G_2$  electrode (12) and the  $G_3$  electrode (13), distance interval between an emitter and the  $G_1$  electrode (11), between the emitter and the  $G_2$  electrode (12) and between the  $G_1$  electrode (11) and the  $G_2$  electrode (12) are selected in a predetermined relation, and thereby a generation of moire image interference fringes are prevented.

FIG.1





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	EP-A-0 117 475 (MATSUSHITA) * Abstract; page 6, line 13 - page 7, line 21; page 11, line 16 - page 12, last line; page 14, line 19 - last line; figures 1,2,4,5 * ---	1	H 01 J 29/50
A	EP-A-0 111 872 (MATSUSHITA) * Abstract; figures 3-5; claim 1 * ---	1	
A	GB-A-2 020 092 (RCA) * Page 4, line 57 - page 5, line 20 * ---	1	
A	PATENT ABSTRACTS OF JAPAN, vol. 4, no. 48 (E-6)[530], 12th April 1980, page 107 E 6; & JP-A-55 19 730 (MATSUSHITA DENSHI KOGYO K.K.) 12-02-1980 ---	1	
A	FR-A-2 437 062 (RCA) * Page 2, lines 22-24; page 5, lines 14-32; page 6, lines 2-10; figure 4 * -----	1,4	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			H 01 J
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 29-07-1988	Examiner MARTIN Y VICENTE M.A.
<b>CATEGORY OF CITED DOCUMENTS</b>			
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	