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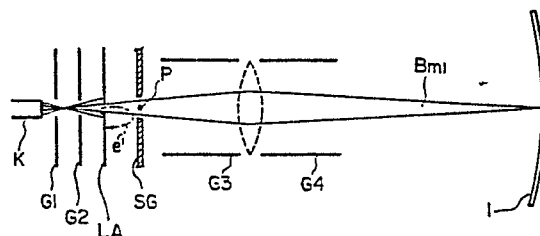
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54 **Cathode ray tubes.**

57 In a cathode ray tube provided with a limiting aperture (LA) in an electron gun, the axial potential between the limiting aperture (LA) and an electrode (SG) arranged at the rear stage of the limiting aperture (LA) is lower than a potential of the limiting aperture (LA) by several tens of volts, so that secondary electrons generated from the limiting aperture (LA) are hindered from reaching a fluorescent screen (1) or a target screen of the cathode ray tube.

**FIG. 1**





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# EUROPEAN SEARCH REPORT

0214816

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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	PATENT ABSTRACTS OF JAPAN, vol. 6, no. 226 (E-141)[1104], 11th November 1982; & JP-A-57 128 439 (TOKYO SHIBAURA DENKI K.K.) 10-08-1982 * Abstract *	1,2	H 01 J 29/48 H 01 J 3/02
A	GB-A- 467 611 (GENERAL ELECTRIC CO.)		
A	PATENT ABSTRACTS OF JAPAN, vol. 5, no. 40 (E-49)[712], 17th March 1981; & JP-A-55 165 554 (HITACHI SEISAKUSHO K.K.) 24-12-1980		
			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 01-09-1988	Examiner MARTIN Y VICENTE M.A.
CATEGORY OF CITED DOCUMENTS			
<p>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</p> <p>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 ..... &amp; : member of the same patent family, corresponding document</p>			