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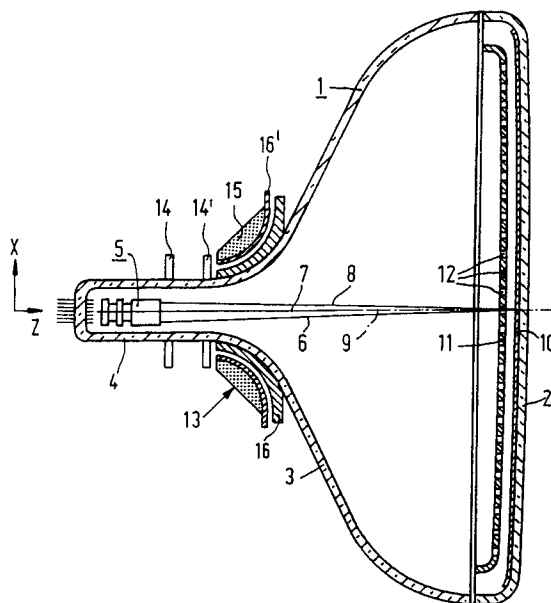
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DE FR GB IT(88) Date of deferred publication of the search report:
18.11.93 Bulletin 93/46(71) Applicant: **N.V. Philips' Gloeilampenfabrieken**
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INTERNATIONAAL OCTROOIBUREAU B.V.
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NL-5656 AA Eindhoven (NL)(54) **Colour display tube with coma correction.**

(57) Colour display tube comprising an electron gun system (5) of the "in-line" type and an electromagnetic deflection unit. This unit is provided with coma correctors 14 and 14' at its gun side, which correctors, viewed from the gun system, provide a pincushion-shaped vertical deflection field component and a barrel-shaped vertical deflection field component. These components are used to reduce the "green droop" (= anisotropic Y coma) in the corners and at the ends of the display screen axes to an equal extent without the spot shape of the outer beams being influenced detrimentally. The correction is realized by two magnetic six-pole fields.

**FIG.1****EP 0 517 320 A3**



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EUROPEAN SEARCH REPORT

Application Number

DOCUMENTS CONSIDERED TO BE RELEVANT			EP 92201573.0
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
D,X	<u>US - A - 4 524 340</u> (SLUYTERMAN) * Fig. 6; column 6, line 43 - column 7, line 17; claim 6 *	1	H 01 J 29/56
D,X	<u>US - A - 4 874 983</u> (SLUYTERMAN) * Column 2, line 45 - column 3, line 2 *	1	
Y	<u>US - A - 4 455 542</u> (SLUIJTERMAN) * column 2, lines 5-64 *	2,3	
Y	<u>EP - A - 0 241 057</u> (PHILIPS) * Column 3, lines 24-41; claims 1,4 *	2,3	
A	<u>US - A - 3 725 831</u> (BARBIN) * Column 1, line 17 - column 2, line 24; claims 1,2 *	1-6	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H 01 J
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 06-09-1993	Examiner HAWEL
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			