(1) Publication number:

0 318 113 A3

(12)

EUROPEAN PATENT APPLICATION

- 21 Application number: 88202655.2
- 2 Date of filing: 24.11.88

(51) Int. Cl.⁴: H01J 29/46 , H01J 29/54 , H01J 31/12 , H01J 29/56

- ③ Priority: **25.11.87 GB 8727565**
- 43 Date of publication of application: 31.05.89 Bulletin 89/22
- @ Designated Contracting States:
 DE FR GB IT
- Date of deferred publication of the search report: 13.09.89 Bulletin 89/37
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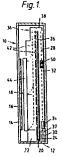
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- (54) Cathode ray tube display system.

To A CRT display system in which an electron beam (32) is directed in a plane substantially parallel to a faceplate (14) carrying a phosphor screen (16) the beam (32) being deflected towards the screen.

The position of the beam is controlled to correct for deviation caused, for example, by the influence of ambient magnetic fields. Sensor devices (50, 51) periodically detect during the tube operation deviation of the beam from the desired plane and control deflector electrodes (37) which return the beam to the desired plane. Twisting and lateral shifting of the scanning beam can also be corrected.

Beam position sensing is accomplished by overscanning the beam towards the sensor devices during, for example, field blanking periods, so as not to interfere with the display picture.





EUROPEAN SEARCH REPORT

EP 88 20 2655

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	DOCUMENTS CONSI	DERED TO BE RELE	VANT		
Category	Citation of document with i	ndication, where appropriate, ssages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)	
Y	* Abstract; page 3, line 8; page 5, lin 2; page 6, lines 31 page 13, line 7 - p	O-A-8 505 491 (SRI INTERNATIONAL) Abstract; page 3, line 18 - page 5, line 8; page 5, line 22 - page 6, line page 6, line 5; age 13, line 7 - page 14, line 7; laims 13-16; amended claims 11,12 *		H 01 J 29/46 H 01 J 29/54 H 01 J 31/12 H 01 J 29/56	
A			9,17		
Υ	US-A-2 630 548 (MU * Column 1, lines 9 17-22,65; figures *	-48; column 4, line	s 1-7,11		
A			9,16		
Y	DE-A-1 802 680 (MA * Page 1, line 1 - page 10, lines 6-10 figures *	page 2, line 14:	1-3		
A			4,7,9		
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	The present search report has be				
Date of com		Date of completion of the se 22-06-1989		MARTIN Y VICENTE M.A.	
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		E: earlier p. after the other D: documer L: documen &: member	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		