

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) Publication number:

0 467 304 A3

(12)

EUROPEAN PATENT APPLICATION(21) Application number: **91111865.1**(51) Int. Cl.⁵: **H01J 29/18**(22) Date of filing: **16.07.91**(30) Priority: **17.07.90 IT 4815290**(43) Date of publication of application:
22.01.92 Bulletin 92/04(84) Designated Contracting States:
DE ES FR GB NL(88) Date of deferred publication of the search report:
17.03.93 Bulletin 93/11(71) Applicant: **Maltese, Paolo**
Via Dandolo, 24
I-00153 Roma (RM)(IT)(72) Inventor: **Maltese, Paolo**
Via Dandolo, 24
I-00153 Roma (RM)(IT)(74) Representative: **Dini, Roberto**
S.I.SV.EL. S.p.A. Società Italiana per lo
Sviluppo dell'Elettronica Via Castagnole, 59
I-10060 None (Torino) (IT)(54) **Image viewing device.**

(57) The present invention relates to a viewing device of complex images, for example the television type, particularly for large screens of a reduced depth, of the type comprising a vacuum envelope, a display window (3) whose internal wall is a cathodoluminescent screen, in which phosphors are excited by a multitude of electron beams, controlled in accordance of the image to be displayed, a multitude of

close-spaced sustaining elements (11), the characterising principles of the viewing device of complex images consists in the fact that the contact points of said sustaining elements (11) with said display window (3) are made practically invisible by reflective elements (7) placed in appropriate housings (4) situated inside display window (3).

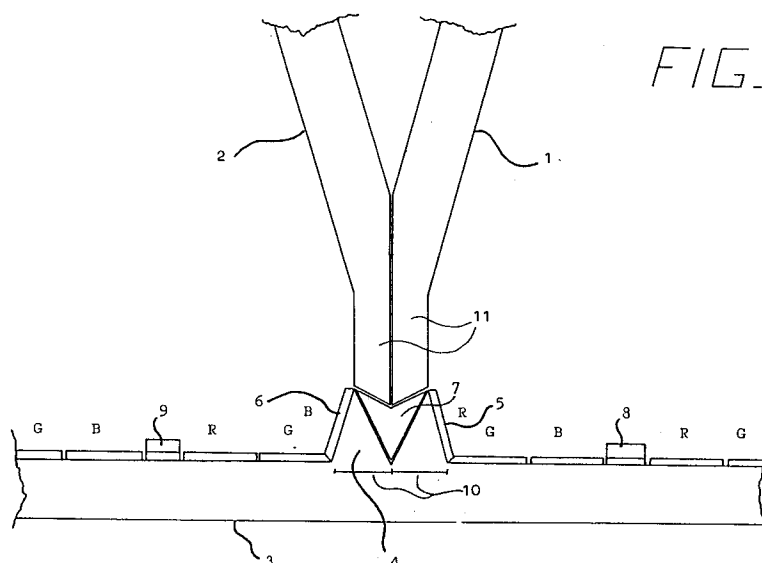


FIG. 1

EP 0 467 304 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

DOCUMENTS CONSIDERED TO BE RELEVANT			EP 91111865.1
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
D, A	<u>EP - A - 0 139 314</u> (N.V. PHILIPS) * Page 2, lines 5-18; fig. 2 *	1-26	H 01 J 29/18
A	-- <u>DE - C - 1 047 244</u> (INTERESSENGEMEINSCHAFT F. RUNDfunk) * Column 1, lines 1-4, 49-54; column 3, lines 21-26; column 4, lines 5-10 *	1-26	
A	-- <u>DD - C - 144 622</u> (BONGERS, PIET F.; N.V. PHILIPS) * Page 10; 4. abstract; fig. 5 *	1-9	
A	-- <u>EP - A - 0 405 262</u> (MATSUSHITA ELECT. IND.) * Column 3, lines 39-49; column 5, lines 8-26; fig. 5 *	10-26	
			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 12-01-1993	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	