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### (54) Flat cathode ray tube and picture display device using the same

(57) A flat cathode ray tube (CRT) capable of producing clear pictures and a picture display device using the flat CRT. A light-attenuation film (17) having a light-attenuating action is attached to the front surface of a front panel (12). The quantity of light of an extraneous ray passing into the front panel (12) is reduced by the light-attenuation film (17) when passing through the front panel (12) and when reflected by a phosphor layer. The quantity of light of a ray for picture formation is also reduced by the light-attenuation film (17). However, the quantity of light reduced in the case of the ray for picture formation is smaller relatively to that of the extraneous ray. Thus, a picture observed becomes clearer.

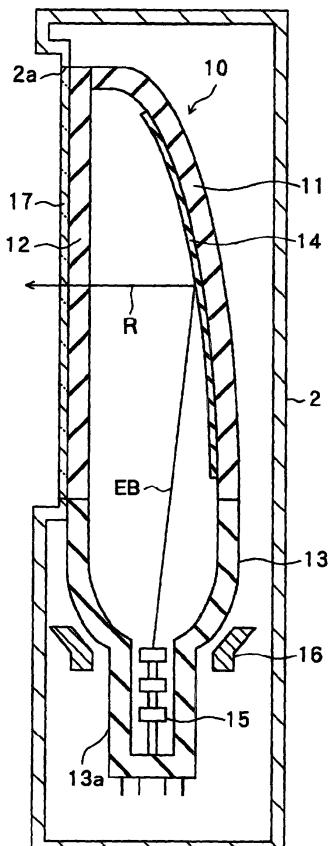


FIG.3



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## EUROPEAN SEARCH REPORT

Application Number

EP 00 40 3293

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The present search report has been drawn up for all claims			
Place of search	Date of completion of the search		Examiner
THE HAGUE	1 October 2003		Van den Bulcke, E
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone		T : theory or principle underlying the invention	
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ON EUROPEAN PATENT APPLICATION NO.

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