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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.

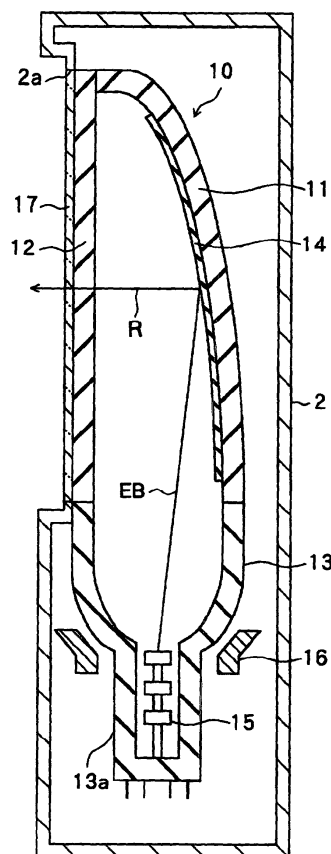


FIG.3

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EUROPEAN SEARCH REPORT

Application Number
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Place of search THE HAGUE		Date of completion of the search 1 October 2003	Examiner Van den Bulcke, E
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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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