Title (en)

FRONT SIDE GLASS SUBSTRATE FOR DISPLAY AND DISPLAY DEVICE

Title (de)

VORDERSEITEN-GLASSUBSTRAT FÜR EINE ANZEIGE UND ANZEIGEEINRICHTUNG

Title (fr)

SUBSTRAT DE VERRE FRONTAL POUR TUBE D'AFFICHAGE ET DISPOSITIF D'AFFICHAGE

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Application

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Abstract (en)

The present invention is to provide a front glass substrate for a display tube in which a plurality of grooves (2) having similar cross-sections of approximately V-shapes and which also have approximately flat top portions are formed on one surface side of a glass substrate (1) in parallel to each other at a constant interval and in which fluorescent substance layers (3) are deposited on the top portions and the inner wall surfaces of a plurality of groove (2). According to the present invention, the amount in which the fluorescent substances are coated within the grooves can increase. In addition, since light of fluorescent substance can be efficiently radiated to the front surface side from the side surfaces of the grooves in which the coated amount of the fluorescent substances were increased, there can be obtained a front glass substrate for a display tube in which brightness and luminous efficiency can be improved. <IMAGE>

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