

Title (en)

METHOD FOR PRODUCING A SUBSTRATE WITH UNIDIRECTIONAL CONDUCTIVITY AND DISPLAY DEVICE USING SUCH A SUBSTRATE IN AN ANISOTROPIC CONTACT LAYER

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES SUBSTRATS MIT UNGERICHTETER ELEKTRISCHER LEITFÄHIGKEIT SOWIE EINER ANZEIGEVORRICHTUNG, DIE EIN SOLCHES SUBSTRAT IN EINER ANISOTROPISCHEN KONTAKTSCHICHT VERWENDET

Title (fr)

PROCEDE DE FABRICATION D'UN SUBSTRAT A CONDUCTIVITE UNIDIRECTIONNELLE ET DISPOSITIF D'AFFICHAGE UTILISANT LEDIT SUBSTRAT DANS UNE COUCHE DE CONTACT ANISOTROPE

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Application

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Abstract (en)

[origin: WO0036649A1] The present invention relates to a method of manufacturing a substantially planar substrate (1), formed of at least a first and a second material (3, 4) having substantially different conductivities, such that conductive channels (2) are formed substantially perpendicular to the substrate surfaces, and the conductivity perpendicular to the substrate surfaces, as measured over a predetermined area, is substantially larger than the conductivity parallel to the substrate surfaces. Furthermore, the invention refers to a display device (23) comprising at least one substrate (1) manufactured according to the present method, an optically active layer (8; 24), and at least one control electrode (10), thereby enabling the provision of a local electrical field over the optically active layer (8; 24).

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