

Title (en)

METHOD OF UNIFORM AND DEFECT FREE LIQUID CRYSTAL ALIGNING LAYERS

Title (de)

VERFAHREN FÜR GLEICHFÖRMIGE UND DEFEKTFREIE FLÜSSIGKRISTALL-AUSRICHTUNGSSCHICHTEN

Title (fr)

PROCÉDÉ DE FABRICATION DE COUCHES D'ALIGNEMENT DE CRISTAUX LIQUIDES UNIFORMES ET SANS DÉFAUT

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Abstract (en)

[origin: EP1975687A1] The invention relates to a method for the manufacturing of uniform and defect free liquid crystal aligning layers which comprises applying onto a substrate a composition having a viscosity in the range of 1 to 14 mPas, which comprises at least one liquid crystal photoalignment material and at least one solvent; or applying onto a substrate a composition comprising at least one liquid crystal photoalignment material and at least one surfactant, wherein the latter does not have any negative impact on the aligning properties. In addition, the present invention relates to the above-cited compositions and aligning layers, and to the use of these aligning layers for liquid crystal devices and optical or electro-optical components.

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