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(54) **Substrate for liquid crystal display device and liquid crystal display device**

(57) A substrate for liquid crystal display device which can provide a vertically-aligned (VA)-mode liquid crystal display device having a good viewing angle dependence of contrast and at the same time can keep the production process as simple as possible is provided: a substrate for liquid crystal display device having a smoothing layer, the smoothing layer being a negative uniaxial optically anisotropic layer having an optical axis

in the direction normal to the substrate surface, particularly the substrate for liquid crystal display device having a color filter layer and/or an electrode, and the negative uniaxial optically anisotropic layer having an optical axis in the direction normal to the substrate surface being directly provided on the color filter layer or the electrode.

EP 2 093 609 A3



EUROPEAN SEARCH REPORT

Application Number
EP 09 00 2339

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Y	* paragraph [0010] * * paragraph [0039] * * paragraph [0050] - paragraph [0059] * * paragraph [0068] - paragraph [0070] * * figures 4,6,12 *	2,8	
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC) G02F
Place of search Munich		Date of completion of the search 13 September 2010	Examiner Petitpierre, Olivier
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			

3
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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13-09-2010

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专利名称(译)	用于液晶显示装置的基板和液晶显示装置		
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摘要(译)

本发明提供一种液晶显示装置用基板，其可提供具有良好视角依赖性的垂直取向（VA）模式液晶显示装置，同时可使生产过程尽可能简单：基板对于具有平滑层的液晶显示装置，平滑层是负的单轴光学各向异性层，其在垂直于基板表面的方向上具有光轴，特别是具有滤色器层的液晶显示装置用基板和/或电极和具有在垂直于基板表面的方向上的光轴的负单轴光学各向异性层直接设置在滤色器层或电极上。

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			TECHNICAL FIELD G02F
The present search report has been drawn up for all claims			
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Name of searcher Petitpierre, Olivier			
SATISFACTORY OF CITED DOCUMENTS 2) particularly relevant if taken alone 3) particularly relevant if combined with another document of the same category 4) technological background only 5) non-relevant document 6) intermediate document			
1) relevant document underlying the invention 2) other relevant document, but published on, or after the filing date, of the application 3) document cited for other reasons 4) document of the same patent family, corresponding document			