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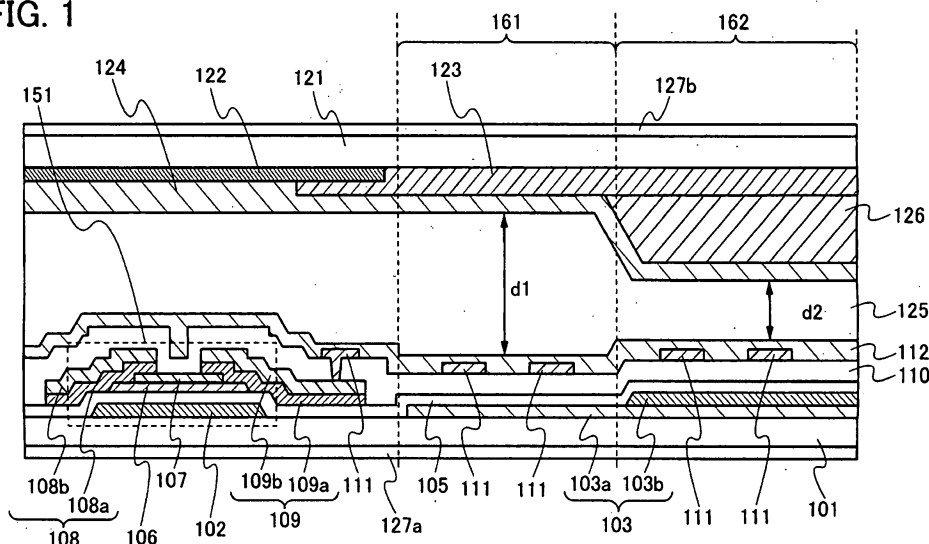
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(54) **Liquid crystal display device**

(57) It is an object of the present invention to provide a liquid crystal display device which has a wide viewing angle and less color-shift depending on an angle at which a display screen is seen and can display an image favorably recognized both outdoors in sunlight and dark indoors (or outdoors at night). The liquid crystal display device includes a first portion (161) where display is performed by transmission of light and a second portion

(162) where display is performed by reflection of light. Further, a liquid crystal layer (125) includes a liquid crystal molecule which rotates parallel to an electrode plane when a potential difference is generated between two electrodes of a liquid crystal element provided below the liquid crystal layer. The invention is particularly related to the layer structure of electrodes and TFTs (151) arranged on the active matrix substrate (101) of the display device.

FIG. 1





EUROPEAN SEARCH REPORT

Application Number
EP 12 00 2425

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			G02F
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 14 August 2012	Examiner Wahl, Martin
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
ON EUROPEAN PATENT APPLICATION NO.**

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专利名称(译)	液晶显示装置		
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摘要(译)

本发明的一个目的是提供一种液晶显示装置，该液晶显示装置具有宽视角和取决于看到显示屏的角度的较小色移，并且可以在阳光和黑暗中显示在室外有利地识别的图像。室内（或夜间户外）。液晶显示装置包括：第一部分（161），其中通过光的透射进行显示；以及第二部分（162），其中通过光的反射进行显示。此外，液晶层（125）包括当在液晶层下方设置的液晶元件的两个电极之间产生电位差时平行于电极平面旋转的液晶分子。本发明特别涉及设置在显示装置的有源矩阵基板（101）上的电极和TFT（151）的层结构。

FIG. 1

