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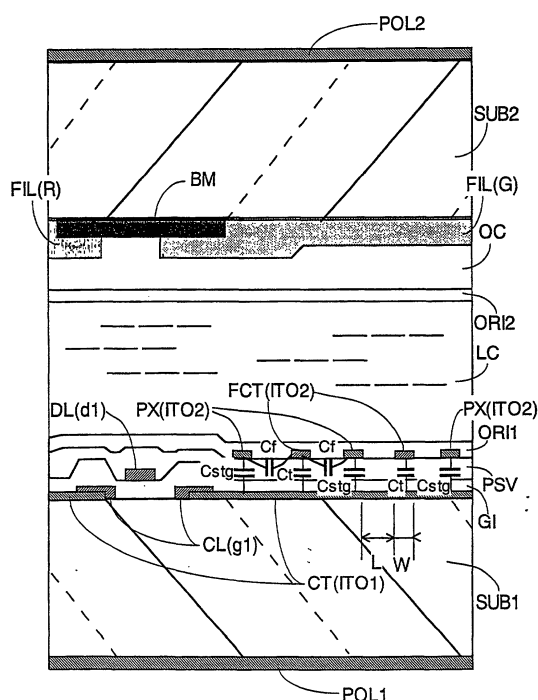
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(54) **Liquid crystal display device**

(57) A liquid crystal display device includes a pixel electrode (PX) and a counter electrode (CT) which are respectively disposed in different layers in a liquid crystal-side pixel area of one (SUB1) of transparent substrates (SUB1, SUB2) disposed to oppose each other with a liquid crystal interposed therebetween. The counter electrode (CT) causes an electric field having a component parallel to the transparent substrates (SUB1, SUB2) to be generated between the counter electrode (CT) and the pixel electrode (PX). One (PX) of the pixel electrode (PX) and the counter electrode (CT) is formed on a side closer to the liquid crystal (LC) than the other electrode (CT) is to the liquid crystal, and the other electrode (CT) is formed of a transparent electrode extended outwardly from at least a periphery of an area on which the one electrode is superposed. In the liquid crystal display device, a conductive layer (FCT) which is capacitive-coupled to each of the pixel electrode (PX) and the counter electrode (CT) is formed between the pixel electrode (PX) and the counter electrode (CT) in order to reduce the drive voltage of the liquid crystal display device and to reduce a load capacitance which occurs between the pixel electrode (PX) and the counter electrode (CT).

FIG. 2





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EUROPEAN SEARCH REPORT

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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A	--- EP 0 864 913 A (SHARP KK) 16 September 1998 (1998-09-16) * column 5, line 24 - column 6, line 8 * * column 7, line 50 - column 8, line 18; figures 5,6,12,13 *	1	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 2 July 2003	Examiner Stang, I
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.**

EP 00 11 9389

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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外部链接	Espacenet		

摘要(译)

液晶显示装置包括像素电极 (PX) 和对电极 (CT)，它们分别设置在一个 (SUB1) 透明基板 (SUB1, SUB2) 的液晶侧像素区域中的不同层中，所述透明基板 (SUB1, SUB2) 设置为相对彼此之间插入有液晶。对电极 (CT) 使得在对电极 (CT) 和像素电极 (PX) 之间产生具有与透明基板 (SUB1, SUB2) 平行的分量的电场。像素电极 (PX) 的一个 (PX) 和对电极 (CT) 形成在比液晶 (LC) 更靠近液晶 (LC) 的一侧到液晶，另一个电极 (CT) 一个透明电极由一个电极重叠的区域的至少一个周边向外延伸的透明电极形成。在液晶显示装置中，在像素电极 (PX) 和对电极 (CT) 之间形成电容耦合到像素电极 (PX) 和对电极 (CT) 中的每一个的导电层 (FCT)。为了降低液晶显示装置的驱动电压并减小在像素电极 (PX) 和对电极 (CT) 之间产生的负载电容。

