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(54) **Liquid crystal display device and manufacturing method of liquid crystal display device**

(57) To sophisticate a portable electronic appliance without hindering reduction of the weight and the size, more specifically, to sophisticate a liquid crystal display apparatus installed in a portable electronic appliance without hindering the mechanical strength, a liquid crystal display apparatus includes a first plastic substrate, a light-emitting device which is disposed over the first

plastic substrate, resin which covers the light-emitting device, an insulating film which is in contact with the resin, a semiconductor device which is in contact with the insulating film, a liquid crystal cell which is electrically connected to the semiconductor device, and a second plastic substrate, wherein the semiconductor device and the liquid crystal cell are disposed between the first plastic substrate and the second plastic substrate.

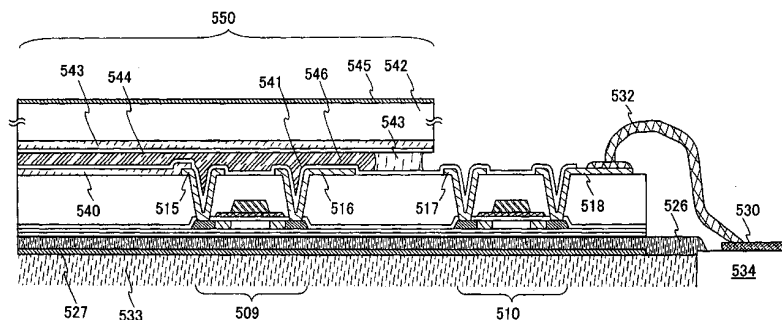


Fig. 6



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EUROPEAN SEARCH REPORT

Application Number
EP 04 00 0515

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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 24 November 2004	Examiner Ammerlahn, D
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
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专利名称(译)	液晶显示装置和液晶显示装置的制造方法		
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优先权	2003007568 2003-01-15 JP 2003007697 2003-01-15 JP		
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摘要(译)

为了在不妨碍重量和尺寸减小的情况下复杂化便携式电子设备，更具体地，为了使安装在便携式电子设备中的液晶显示装置不会妨碍机械强度，液晶显示装置包括第一塑料基板，设置在第一塑料基板上的发光装置，覆盖发光装置的树脂，与树脂接触的绝缘膜，与绝缘膜接触的半导体装置，液晶单元电连接到半导体器件和第二塑料衬底，其中半导体器件和液晶单元设置在第一塑料衬底和第二塑料衬底之间。

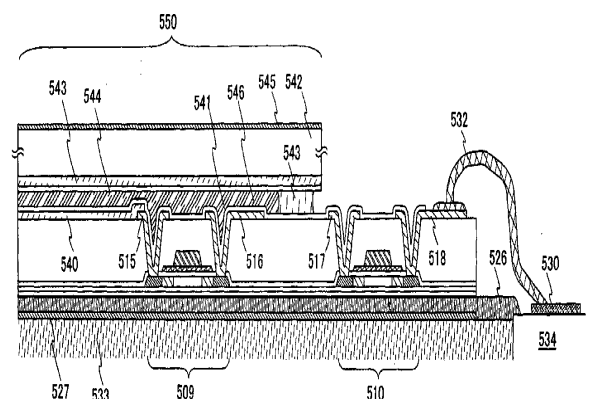


Fig. 6