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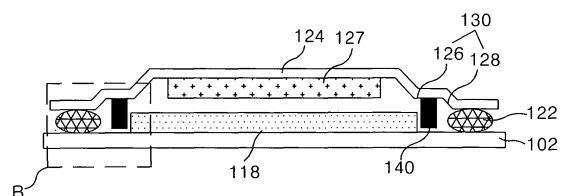
(54) Electro luminescence display device

(57) There is disclosed an electro luminescence display device that is adaptive for preventing the deterioration of an organic light-emitting layer by ultraviolet ray in a sealing process.

An electro luminescence display device according to an embodiment of the present invention includes a transparent substrate (102); an organic light-emitting layer (118) formed on the transparent substrate; a packaging plate (124) bonded with the transparent substrate by a sealant (122) to cover the organic light-emitting layer; and a light-intercepting member (140) to shut off that the ultraviolet ray illuminated onto the sealant upon bonding the transparent substrate with the packaging plate is reflected by the packaging plate to be illuminated onto the organic light-emitting layer.

In this way, the present invention absorbs the ultraviolet ray illuminated onto the organic light-emitting layer, which was illuminated onto the sealant upon bonding the transparent substrate and the packaging plate to be reflected by the packaging plate, thereby preventing the deterioration of the organic light-emitting layer and the characteristic change of the driving devices of the surrounding part of the EL display device.

FIG.5



EP 1 526 589 A3



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EUROPEAN SEARCH REPORT

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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 26 May 2006	Examiner Bakos, T
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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专利名称(译)	电致发光显示装置		
公开(公告)号	EP1526589A3	公开(公告)日	2006-07-26
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代理机构(译)	海因策, EKKEHARD		
优先权	1020030073310 2003-10-21 KR		
其他公开文献	EP1526589A2		
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摘要(译)

公开了一种电致发光显示装置，其适于在密封过程中防止紫外线引起的有机发光层的劣化。根据本发明实施例的电致发光显示装置包括透明基板（102）；形成在透明基板上的有机发光层（118）；封装板（124）通过密封剂（122）与透明基板粘合以覆盖有机发光层；和遮光构件（140），用于关闭在将透明基板与封装板粘合时照射到密封剂上的紫外线被封装板反射，以照射到有机发光层上。这样，本发明吸收照射到有机发光层上的紫外线，该有机发光层在粘合透明基板和包装板时被照射到密封剂上以被包装板反射，从而防止有机物的劣化。发光层和EL显示器件周围部分的驱动器件的特性变化。

FIG.5

