



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
26.08.2015 Bulletin 2015/35

(51) Int Cl.:
H01L 51/52 (2006.01) H01L 27/32 (2006.01)

(43) Date of publication A2:
07.05.2014 Bulletin 2014/19

(21) Application number: **13188836.4**

(22) Date of filing: **16.10.2013**

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
Designated Extension States:
BA ME

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(30) Priority: **30.10.2012 KR 20120120917**
31.07.2013 KR 20130090779

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(54) **Organic light emitting diode display device and method of fabricating the same**

(57) An organic light emitting diode display device is disclosed. The organic light emitting diode display device includes: a substrate configured to include a plurality of pixel regions; a first passivation layer above the substrate; an organic light emitting diode which includes a first electrode formed on the first passivation layer, a first insulation film formed at least partially on the first electrode and configured to define an emission region, and an organic layer and a second electrode formed on the organic layer; a first adhesion enhancement pattern arranged at an end portion or an edge of the insulation film and disposed on the first passivation layer and configured to prevent the end portion or edge of the first insulation film from directly contacting the first passivation layer; and a second passivation layer configured to at least partially cover the organic light emitting diode.

In the organic light emitting diode display device, the first adhesion enhancement pattern may be formed on the first passivation layer under the edge of the insulation film. As such, not only a rolling phenomenon of the insulation film but also crack generation in the second passivation layer can be prevented. The contractive property of the organic light emitting diode display device can be enhanced. Moreover, display components can be protected from the intrusion of moisture because the intrusion paths of external moisture can be blocked up.

FIG.3

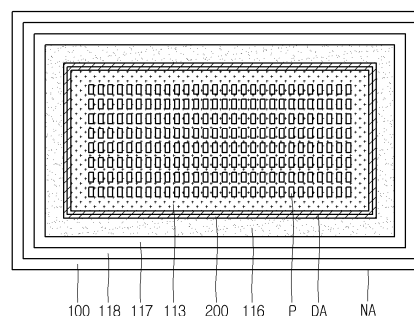
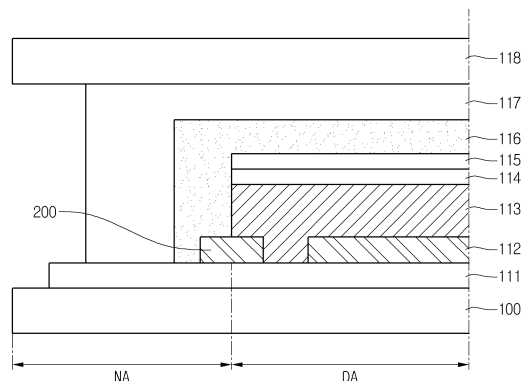


FIG.4





EUROPEAN SEARCH REPORT

Application Number
EP 13 18 8836

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X	US 2010/171138 A1 (YAMAZAKI SHUNPEI [JP] ET AL) 8 July 2010 (2010-07-08) * paragraph [0031] - paragraph [0043]; figure 1 *	1-4,8,13	
X	US 2010/253215 A1 (FUKAGAWA TAKEFUMI [JP] ET AL) 7 October 2010 (2010-10-07) * paragraph [0039] - paragraph [0059]; figures 2-3 *	1,3,4,6,8,9,11-14	
X	US 2005/057151 A1 (KUWABARA HIDEAKI [JP]) 17 March 2005 (2005-03-17) * paragraph [0191] - paragraph [0207]; figures 8-9 *	1,3,4,6,8,9,11-14	TECHNICAL FIELDS SEARCHED (IPC)
A	US 2012/049211 A1 (KOMATSU TAKAHIRO [JP] ET AL) 1 March 2012 (2012-03-01) * paragraph [0055] - paragraph [0087]; figure 3 *	1-15	H01L
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 7 July 2015	Examiner Bernabé Prieto, A
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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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 13 18 8836

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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07-07-2015

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EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

专利名称(译)	有机发光二极管显示装置及其制造方法		
公开(公告)号	EP2728640A3	公开(公告)日	2015-08-26
申请号	EP2013188836	申请日	2013-10-16
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IPC分类号	H01L51/52 H01L27/32		
CPC分类号	H01L51/5253 H01L27/32 H01L27/3241 H01L27/3246 H01L51/5246 H01L51/56		
优先权	1020130090779 2013-07-31 KR 1020120120917 2012-10-30 KR		
其他公开文献	EP2728640A2		
外部链接	Espacenet		

摘要(译)

公开了一种有机发光二极管显示装置。有机发光二极管显示装置包括：基板，被配置为包括多个像素区域；衬底上方的第一钝化层；有机发光二极管，包括形成在第一钝化层上的第一电极，至少部分地形成在第一电极上并构成限定发光区域的第一绝缘膜，以及形成在有机层上的有机层和第二电极；第一粘合增强图案，设置在所述绝缘膜的端部或边缘处，并设置在所述第一钝化层上，用于防止所述第一绝缘膜的端部或边缘直接接触所述第一钝化层；第二钝化层，被配置为至少部分地覆盖有机发光二极管。在有机发光二极管显示装置中，第一粘附增强图案可以形成在绝缘膜的边缘下方的第一钝化层上。这样，不仅可以防止绝缘膜的滚动现象，而且可以防止第二钝化层中的裂纹产生。可以增强有机发光二极管显示装置的收缩性。此外，可以保护显示部件免受水分的侵入，因为可以阻挡外部水分的侵入路径。

