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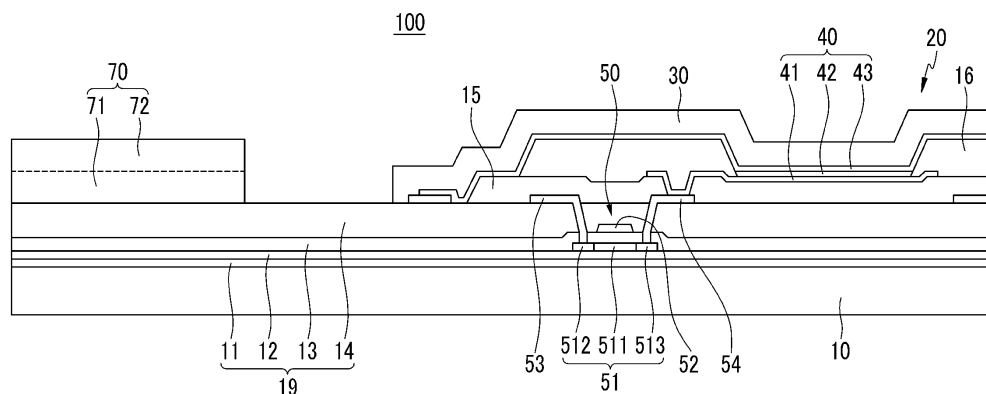
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(54) **Flexible display and method of manufacturing a flexible display**

(57) A flexible display (100, 200, 300, 400) may suppress a generation of cracks in an inorganic layer (19) and suppress the spread of cracks. A flexible display (100, 200, 300, 400) includes a flexible substrate (10) and an inorganic layer (19) formed on the flexible substrate (10). A display unit (20) is formed on the inorganic layer (19). The display unit (20) includes a plurality of pixels (PE). Each pixel (PE) includes an organic light

emitting diode (40). A thin film encapsulation layer (30) covers the display unit (20). A crack suppressing layer (70) is formed along the edge of the flexible substrate (10). The crack suppressing layer (70) is disposed on the inorganic layer (19) at the exterior side of the thin film encapsulation layer (30). A method of manufacturing a flexible display is also disclosed.

FIG.2





EUROPEAN SEARCH REPORT

Application Number
EP 14 17 9213

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Y	US 2011/120755 A1 (LEE JAE-SEOB [KR] ET AL) 26 May 2011 (2011-05-26) * paragraphs [0005], [0026], [0041] * -----	1-14	
A	US 2011/156062 A1 (KIM TAE-WOONG [KR] ET AL) 30 June 2011 (2011-06-30) * the whole document * -----	1,14	
			TECHNICAL FIELDS SEARCHED (IPC)
			H01L
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 20 January 2015	Examiner De Laere, Ann
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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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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20-01-2015

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专利名称(译)	柔性显示器和制造柔性显示器的方法		
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优先权	1020130096161 2013-08-13 KR		
其他公开文献	EP2838132A2		
外部链接	Espacenet		

摘要(译)

柔性显示器 (100,200,300,400) 可以抑制无机层 (19) 中裂缝的产生并抑制裂缝的扩散。柔性显示器 (100,200,300,400) 包括柔性基板 (10) 和形成在柔性基板 (10) 上的无机层 (19)。显示单元 (20) 形成在无机层 (19) 上。显示单元 (20) 包括多个像素 (PE)。每个像素 (PE) 包括有机发光二极管 (40)。薄膜封装层 (30) 覆盖显示单元 (20)。沿着柔性基板 (10) 的边缘形成裂缝抑制层 (70)。裂缝抑制层 (70) 设置在薄膜封装层 (30) 外侧的无机层 (19) 上。还公开了一种制造柔性显示器的方法。

FIG.2

