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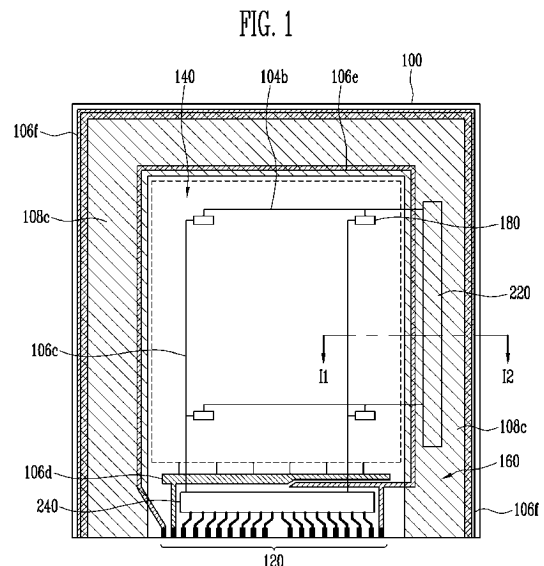
(71) Applicant: **Samsung Mobile Display Co., Ltd.**
Giheung-Gu
Yongin-City
Gyeonggi-Do (KR)

(72) Inventors:
• **Kwak, Won-Kyu**
c/o Legal & IP Team Samsung SDI Co., Ltd
Gyeonggi-do (KR)
• **Chun, Hae-jin**
c/o Legal & IP Team Samsung SDI Co., Ltd
Gyeonggi-do (KR)

(74) Representative: **Walaski, Jan Filip et al**
Venner Shipley LLP
20 Little Britain
London
EC1A 7DH (GB)

(54) **Organic light emitting display and method of manufacturing the same**

(57) An organic light emitting display and a method of manufacturing the same. The light emitting display includes a substrate having a pixel region (140) and a non-pixel region (160); an organic light emitting diode (OLED) (180) in the pixel region and including a first electrode (108a), an organic thin layer (110), and a second electrode (111); a driving circuit unit (220,240) in the non-pixel region and for driving the OLED; a shielding layer (108c) in the non-pixel region and on the driving circuit, the shielding layer being electrically grounded; and an insulating layer interposed between the driving circuit and the shielding layer. The shielding layer effectively protects the driving circuit in the non-pixel region from electrostatic discharge (ESD). Also, the light emitting display may include a guard ring (106f) at an edge portion of the non-pixel region and electrically coupled to the shielding layer to further protect the driving circuit from ESD.





EUROPEAN SEARCH REPORT

Application Number
EP 08 15 8487

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	* paragraphs [0022] - [0027] * * paragraphs [0030], [0031], [0033], [0034], [0039], [0040]; figure 4 * * paragraphs [0056], [0068] *	2,10-13	
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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 22 December 2011	Examiner Faou, Marylène
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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EP 08 15 8487

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专利名称(译)	有机发光显示器及其制造方法		
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[标]申请(专利权)人(译)	三星斯笛爱股份有限公司		
申请(专利权)人(译)	三星SDI CO. , LTD.		
当前申请(专利权)人(译)	三星DISPLAY CO. , LTD.		
[标]发明人	KWAK WON KYU C O LEGAL & IP TEAM SAMSUNG SDI CO LTD CHUN HAE JIN C O LEGAL & IP TEAM SAMSUNG SDI CO LTD		
发明人	KWAK, WON-KYU C/O LEGAL & IP TEAM SAMSUNG SDI CO., LTD CHUN, HAE-JIN C/O LEGAL & IP TEAM SAMSUNG SDI CO., LTD		
IPC分类号	H01L27/32		
CPC分类号	H01L27/3272 H01L27/3276		
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其他公开文献	EP2019432A2 EP2019432B1		
外部链接	Espacenet		

摘要(译)

有机发光显示器及其制造方法。发光显示器包括具有像素区域 (140) 和非像素区域 (160) 的基板;像素区域中的有机发光二极管 (OLED) (180) , 包括第一电极 (108a) , 有机薄层 (110) 和第二电极 (111) ;非像素区域中的驱动电路单元 (220,240) , 用于驱动OLED;在非像素区域和驱动电路上的屏蔽层 (108c) , 屏蔽层电接地;绝缘层介于驱动电路和屏蔽层之间。屏蔽层有效地保护非像素区域中的驱动电路形成静电放电 (ESD) 。而且, 发光显示器可以包括在非像素区域的边缘部分处的保护环 (106f) 并且电耦合到屏蔽层以进一步保护驱动电路免受ESD。

