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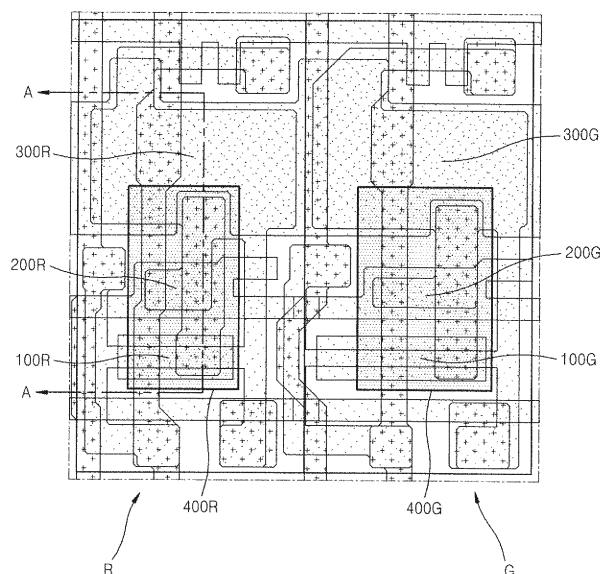
(54) **organic light-emitting display device**

(57) An organic light-emitting display device which may widen a swing range of a green sub-pixel. In the organic light-emitting display device, sub-pixels (R, G) emitting light of different colors comprise a thin film transistor (100R, 100G) and a storage capacitor (300R, 300G). An overlapping area of material layers forming the thin film transistor (100G) of the green sub-pixel (G) is larger than overlapping area of material layers forming

the thin film transistor (100R) of the sub-pixel (R) emitting light of a second color, different from the green color.

Accordingly, since a swing range of the green sub-pixel having relatively high light-emitting efficiency is widened, more accurate gradation may be displayed, a reliable product may be realized, a brightness variation of the organic light-emitting display device may be reduced, and the risk of poor image quality may be reduced.

FIG. 1





EUROPEAN SEARCH REPORT

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EP 12 16 5866

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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 1 September 2015	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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专利名称(译)	有机发光显示装置		
公开(公告)号	<a href="#">EP2568504A3</a>	公开(公告)日	2015-10-07
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[标]申请(专利权)人(译)	三星显示有限公司		
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CPC分类号	H01L27/3265 H01L27/3216 H01L27/3218 H01L27/3262		
优先权	1020110091323 2011-09-08 KR		
其他公开文献	EP2568504B1 EP2568504A2		
外部链接	<a href="#">Espacenet</a>		

摘要(译)

一种有机发光显示装置，其可以加宽绿色子像素的摆动范围。在有机发光显示装置中，发射不同颜色光的子像素（R，G）包括薄膜晶体管（100R，100G）和存储电容器（300R，300G）。形成绿色子像素（G）的薄膜晶体管（100G）的材料层的重叠区域大于形成发射光的子像素（R）的薄膜晶体管（100R）的材料层的重叠区域。第二种颜色，与绿色不同。因此，由于扩大了具有相对高的发光效率的绿色子像素的摆动范围，可以显示更精确的灰度，可以实现可靠的产品，可以减少有机发光显示装置的亮度变化。 ，可以降低图像质量差的风险。

FIG. 1

