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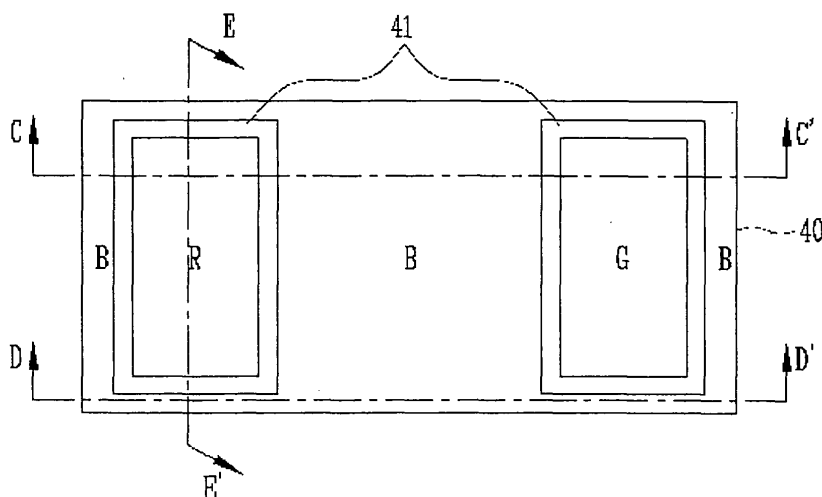
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(54) **Organic light emitting display and method for fabricating the same**

(57) In an organic light emitting display and a method for fabricating the same, a layout of respective pixels is changed in order to improve life span so that one pixel region having low luminous efficiency is increased. The organic light emitting display includes at least one pixel comprising sub pixels having a plurality of colors. A first sub pixel emission layer is formed over an entire surface of a pixel region. At least two second sub pixel emission layers are formed at the first sub pixel emission layer so

as to have a closed curve. The layout of respective pixels is changed so as to increase an area of one sub pixel region having low luminous efficiency in order to improve the life span and aperture ratio of the organic light emitting display. In addition, during formation of an emission layer, the number of masks is reduced. Accordingly, the possibility of misalignment is reduced, thereby maximizing resolution, improving yield, and reducing manufacturing cost.

FIG. 4





EUROPEAN SEARCH REPORT

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Y	* paragraph [0028] - paragraph [0047]; figure 2 *	4,5,7,8,11,13,14,16-18,21,24	ADD. H01L51/56
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X	* paragraph [0026] - paragraph [0061]; figures 2,4a,11 *		
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Y	* paragraph [0049]; figure 3 *		
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	* abstract *		
	* paragraph [0098]; figure 1 *		
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 18 May 2011	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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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 06 25 4465

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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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当前申请(专利权)人(译)	三星DISPLAY CO. , LTD.		
发明人	KIM, BYUNG HEE CO SAMSUNG SDI CO., LTD., LEGAL &		
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其他公开文献	EP1758170A2 EP1758170B1		
外部链接	Espacenet		

摘要(译)

在有机发光显示器及其制造方法中，改变各个像素的布局以改善寿命，从而增加具有低发光效率的一个像素区域。有机发光显示器包括至少一个像素，该像素包括具有多种颜色的子像素。在像素区域的整个表面上形成第一子像素发射层。在第一子像素发射层处形成至少两个第二子像素发射层，以具有闭合曲线。改变各个像素的布局以增加具有低发光效率的一个子像素区域的面积，以便改善有机发光显示器的寿命和孔径比。另外，在形成发光层期间，掩模的数量减少。因此，减少了未对准的可能性，从而使分辨率最大化，提高了产量并降低了制造成本。

