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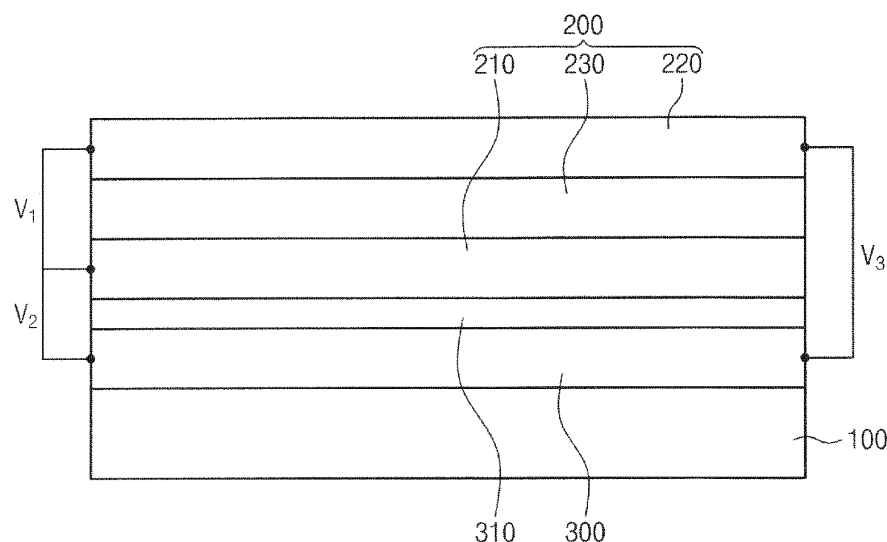
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(54) **Organic Light Emitting Display Device**

(57) An organic light emitting display device includes a substrate (100), a light emitting diode (200) disposed on the substrate (100), and a balance electrode (300) insulated from the light emitting diode and from each of the first and second electrodes (210, 220). The light emitting diode includes a first electrode (210), a second electrode (220) facing the first electrode, and an organic light emitting layer (230) disposed between the first electrode

and the second electrode. The balance electrode (300) maintains a hole-electron charge balance within the organic light emitting layer by varying the amount of electrons and holes that are injected into the organic light emitting layer from the first and second electrodes by varying an electric potential applied to the balance electrode

Fig. 1





EUROPEAN SEARCH REPORT

 Application Number
 EP 13 17 3631

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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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X	WO 2008/027487 A2 (UNIV CALIFORNIA [US]; YANG YANG [US]; XU ZHENG [US]; LI SHENG-HAN [US]) 6 March 2008 (2008-03-06) * figures 1,2,3a * * page 2, lines 28-32 - page 3, lines 1-4 * * pages 4,5,9 *	1,2,6-8, 13-15	
X	JP 2003 282884 A (KANSAI TLO KK) 3 October 2003 (2003-10-03) * abstract; figures 3,4 *	1,3-7, 13-15	
A	WO 2005/024907 A2 (UNIV CALIFORNIA [US]; YANG YANG [US]; MA LIPING [US]) 17 March 2005 (2005-03-17) * pages 6,7 * * paragraph [0035]; figures 2(a-2) *	1-15	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 2 November 2016	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
ON EUROPEAN PATENT APPLICATION NO.**

EP 13 17 3631

5 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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专利名称(译)	有机发光显示装置		
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其他公开文献	EP2696386A2		
外部链接	Espacenet		

摘要(译)

一种有机发光显示装置，包括：基板；设置在基板上的发光二极管；以及平衡电极，与发光二极管绝缘，并且与第一和第二电极中的每一个绝缘，（210,220）。发光二极管包括第一电极（210），面对第一电极的第二电极（220）和设置在第一电极和第二电极之间的有机发光层（230）。平衡电极（300）通过改变施加到有机发光层中的电子和空穴的量来改变从第一和第二电极注入到有机发光层中的电子和空穴的量，从而维持有机发光层内的空穴 - 电子电荷平衡平衡电极

Fig. 1

