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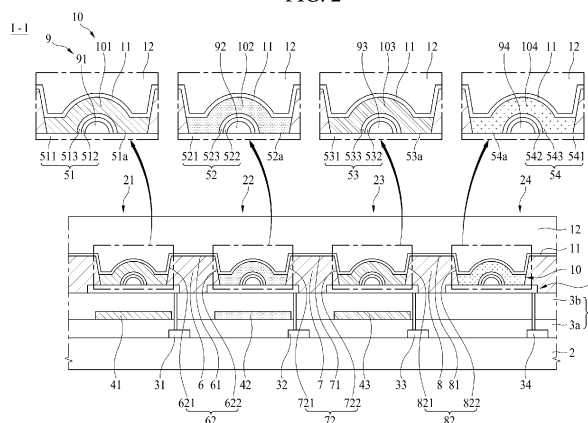
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(54) **DISPLAY DEVICE**

(57) A display device (1) comprises a substrate provided with a first subpixel (21) and a second subpixel (22), a first electrode (5) provided on the substrate, including a first sub electrode (51) provided on the first subpixel (21) and a second sub electrode (52) provided on the second subpixel (22), an organic light emitting layer (10) arranged on the first electrode (5), a second electrode (11) arranged on the organic light emitting layer (10), a first bank (6) provided between the first sub electrode (51) and the second sub (52) electrode to partition the first subpixel (21) and the second subpixel (22) from each other, and a light absorption portion (9) arranged inside each of the first sub electrode (51) and the second

sub electrode (52) to absorb external light, wherein the first sub electrode (51) includes a reflective metal (512) provided to cover the light absorption portion (9), and the reflective metal (512) and the second electrode (11) emit light emitted from the organic light emitting layer (10) to the substrate by reflecting the light. Therefore, external light reflectivity may be lowered, and light is reflected and re-reflected through the reflective metal (512) and the second metal, which are arranged at both sides of the organic light emitting layer (10), whereby light emitting efficiency may be more improved than the case that a polarizer is provided.

FIG. 2





EUROPEAN SEARCH REPORT

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EP 19 21 4738

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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)
Y	US 2010/148192 A1 (JUNG WOO-SUK [KR] ET AL) 17 June 2010 (2010-06-17) * paragraphs [0007], [0063], [0064], [0065], [0068], [0090], [0092]; figures 1,2 *	1-15	INV. H01L27/32 H01L51/52
Y	JP H11 265794 A (TOPPAN PRINTING CO LTD) 28 September 1999 (1999-09-28) * paragraphs [0004], [0006], [0013], [0015], [0020], [0031], [0032], [0033]; figures 2,3,4 *	1-15	
Y	US 2015/188095 A1 (YOO TAE-SUN [KR] ET AL) 2 July 2015 (2015-07-02) * paragraphs [0048], [0074], [0075], [0094]; figure 5 *	7,8,13,14	
			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 15 May 2020	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.**

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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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其他公开文献	EP3675176A2		
外部链接	Espacenet		

摘要(译)

显示装置(1)包括具有第一子像素(21)和第二子像素(22)的基板,基板上提供的第一电极(5),包括第一子像素(51)上提供的第一子电极(51)。 21)和第二子像素(22)上提供的第二子电极(52),有机发光层(10)布置在第一电极(5)上,第二电极(11)布置在有机发光层(如图10所示,在第一子电极(51)和第二子(52)电极之间设置有将第一子像素(21)和第二子像素(22)彼此隔开的第一隔壁(6)和光吸收部。(9)在第一子电极(51)和第二子电极(52)的内部配置成吸收外部光,其中,第一子电极(51)包括反射性金属(512),该反射性金属(51)覆盖光吸收部(反射金属(512)和第二电极(11)通过反射将有机发光层(10)发出的光反射到基板上。 cting灯。 因此,可以降低外部光反射率,并且光通过布置在有机发光层(10)两侧的反射金属(512)和第二金属反射和重新反射,从而可以提高发光效率。 与提供偏振片的情况相比,具有更大的改进。

FIG. 2

