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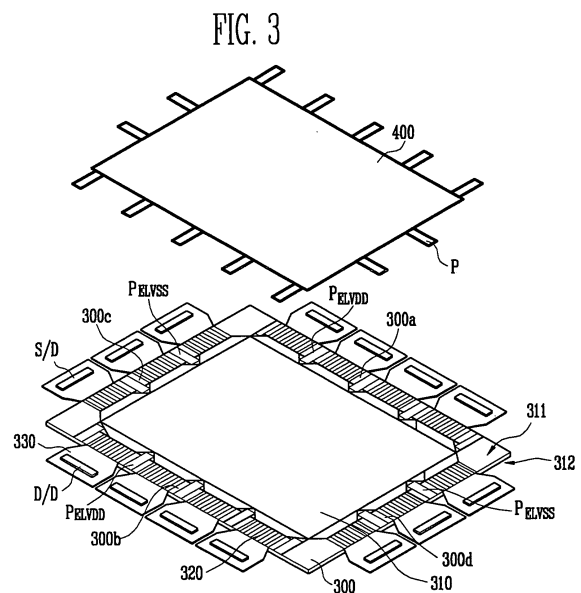
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(54) **Organic light emitting display device**

(57) An organic light emitting display device capable of minimizing an IR drop of pixel power sources supplied to an organic light emitting display panel. The organic light emitting display device includes an organic light emitting display panel comprising a first side on which an image is displayed and a second side that faces the first side and a plurality of first and second power source pads provided at two or more edges of the second side to receive first and second pixel power sources in at least two different directions; and a pixel power source supplying flexible printed circuit board (FPCB) provided on the second side of the organic light emitting display panel to comprise a plurality of pads electrically coupled to the first and second power source pads and to supply the first and second pixel power sources to the organic light emitting display panel.



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EUROPEAN SEARCH REPORT

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EP 09 25 0125

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2007/134830 A1 (PARK KYONG-TAE [KR] ET AL) 14 June 2007 (2007-06-14)	1-10	INV. G09G3/32
Y	* paragraph [0102] - paragraph [0120]; figures 5,6 *	11-15	
X	US 2007/216299 A1 (PARK KYONG-TAE [KR] ET AL) 20 September 2007 (2007-09-20)	1-10	
Y	* paragraphs [0078], [0 87] - [0092]; figure 5 *	11-15	
Y	US 2006/022589 A1 (COK RONALD S [US]) 2 February 2006 (2006-02-02) * paragraphs [0001], [0005], [0025] - [0027]; figure 4 * * paragraph [0001] - paragraph [0029] *	11-15	
Y	JP 2003 086362 A (SONY CORP) 20 March 2003 (2003-03-20) * abstract *	11-15	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			G09G H01L H05K
Place of search		Date of completion of the search	Examiner
Munich		22 March 2011	Gartlan, Michael
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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EPO FORM 1503 03.02 (P04/C01)



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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:
- The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION
SHEET B**

Application Number
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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-10

positioning of the pads at different edges of the display panel, solving the problem of non-uniform power distribution (i.e. power line resistances causing voltage drop)

2. claims: 11-15

providing at least one aperture in at least one region of the pixel power source supplying flexible printed circuit board, solving the problem of heat build-up in the display.

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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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 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

22-03-2011

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专利名称(译)	有机发光显示装置		
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IPC分类号	G09G3/32		
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优先权	1020080005619 2008-01-18 KR		
其他公开文献	EP2081180A2		
外部链接	Espacenet		

摘要(译)

一种有机发光显示装置，能够使提供给有机发光显示面板的像素电源的IR降最小化。有机发光显示装置包括有机发光显示面板，该有机发光显示面板包括在其上显示图像的第一侧和面向第一侧的第二侧以及设置在该第一侧的两个或更多个边缘处的多个第一和第二电源焊盘。第二侧，用于在至少两个不同方向上接收第一和第二像素电源；供应柔性印刷电路板（FPCB）的像素电源，设置在有机发光显示面板的第二侧上，以包括电耦合到第一和第二电源焊盘并提供第一和第二像素电源的多个焊盘有机发光显示板的光源。

