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(54) **Desiccant structures for oled displays**

(57) This invention provides a top-emitting OLED display device that includes a substrate (12); an array of OLED elements disposed on one side of the substrate; and a desiccant material (40) provided in a pat-

terned arrangement over the array of OLED elements on the same side of the substrate such that the desiccant material does not interfere with the light emitted by the OLED elements.

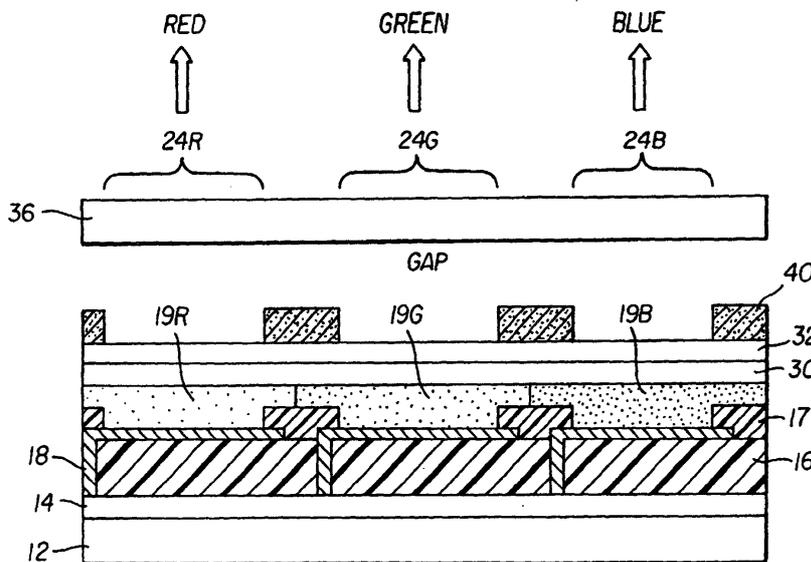


FIG. 2



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EUROPEAN SEARCH REPORT

Application Number
EP 03 07 5823

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 2002/0024096 A1 (ARAI YASUYUKI ET AL) 28 February 2002 (2002-02-28)	1, 2, 5, 6	H01L51/20
A	* page 3, paragraphs 0027, 0055 * * page 5, paragraph 0070-0075 * * page 8, paragraph 0107-0111 * * page 10, paragraph 0144 - page 11, paragraph 0147 * * figures 1,9,14,19 * -----	3, 4	
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 04, 31 August 2000 (2000-08-31) -& JP 2000 030871 A (FUTABA CORP), 28 January 2000 (2000-01-28) * abstract *	1, 5, 6	
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P, X	US 2003/0038590 A1 (SILVERNAIL JEFFREY ALAN ET AL) 27 February 2003 (2003-02-27) * the whole document * -----	1, 2, 5, 6	TECHNICAL FIELDS SEARCHED (Int.Cl.7) H01L H05B
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 17 November 2003	Examiner De Laere, 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	

EPO FORM 1503 03/02 (F04/C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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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
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

专利名称(译)	oled显示器的干燥剂结构		
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其他公开文献	EP1351323A2		
外部链接	Espacenet		

摘要(译)

本发明提供一种顶部发光OLED显示装置，包括基板(12)；设置在基板一侧的OLED元件阵列；在基板的同一侧上的OLED元件阵列上以图案化布置提供干燥剂材料(40)，使得干燥剂材料不会干扰由OLED元件发射的光。

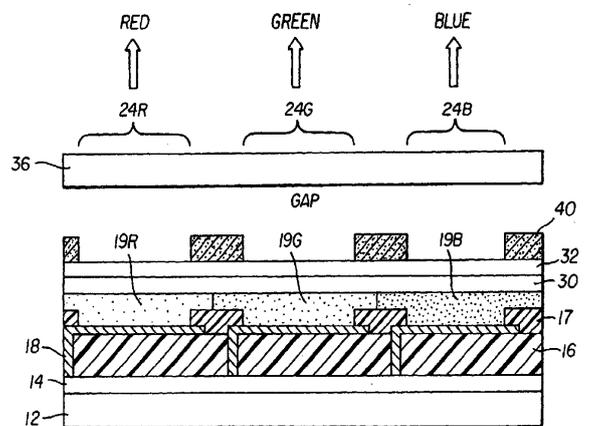


FIG. 2