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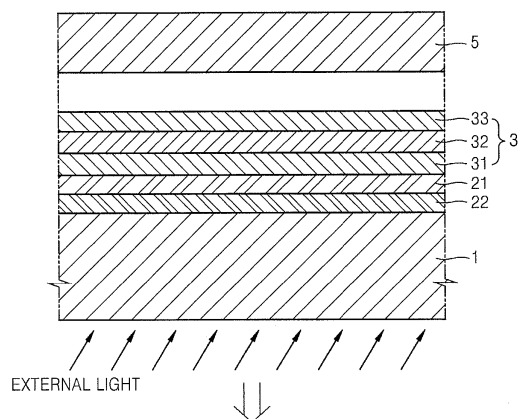
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(54) **Organic Light-Emitting Display Device**

(57) Provided is an organic light-emitting display apparatus that can display a color image without a color filter and prevent a reduction in contrast due to the reflection of external light. The organic light-emitting display apparatus includes: a substrate (1); an organic light-emitting device (3) disposed on the substrate and emitting white light; a sealing member (5) disposed on the organic light-emitting device; a dichroic layer (22) comprising ellipsoidal shaped metal particles which are imprinted on one surface of the substrate and allowing light of a predetermined wavelength band to be transmitted there-through according to an aspect ratio of the metal particles; and a 1/4 wavelength layer (21) deposited on one of surfaces formed by the substrate and the dichroic layer, and disposed farther away from a direction in which an external light is incident than the dichroic layer, wherein an image is displayed towards the substrate.

**FIG. 1**



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EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			H01L G02B
Place of search		Date of completion of the search	Examiner
Munich		29 August 2012	Boetticher, Harald
CATEGORY OF CITED DOCUMENTS		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	
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		& : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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优先权	1020070022594 2007-03-07 KR		
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摘要(译)

本发明提供一种有机发光显示装置，其能够在不使用滤色器的情况下显示彩色图像，并且能够防止由于外部光的反射而导致的对比度降低。有机发光显示装置包括：基板（1）；有机发光器件（3），设置在基板上并发射白光；密封构件（5）设置在有机发光装置上；二向色层（22），包括椭圆形金属颗粒，其印在基板的一个表面上，并允许预定波长带的光根据金属颗粒的纵横比透过；1/4波长层（21）沉积在由基板和二向色层形成的一个表面上，并且设置得比二向色层更远离外部光入射的方向，其中朝向该二向色层显示图像。基质。

FIG. 1

