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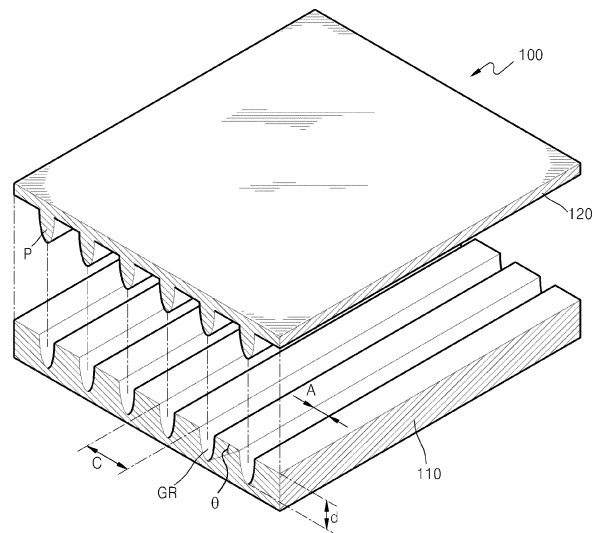
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(54) **Optical films for reducing color shift and organic light-emitting display apparatuses employing the same**

(57) Optical films, and organic light-emitting display apparatuses employing the same, include a high refractive index pattern layer (110) including a first surface and a second surface facing each other, wherein the first surface includes a pattern having a plurality of grooves (GR). The plurality of grooves each have a curved surface and a depth greater than a width thereof. The high refractive index pattern layer is formed of a material having a refractive index greater than 1. The optical films, and the organic light-emitting display apparatuses, further include a low refractive index pattern layer (120) formed of a material having a refractive index smaller than the refractive index of the material constituting the high refractive index pattern layer. The low refractive index pattern layer includes a filling material for filling the plurality of grooves.

FIG. 1



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EUROPEAN SEARCH REPORT

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			TECHNICAL FIELDS SEARCHED (IPC)
			H01L G02B
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 6 July 2016	Examiner De Laere, Ann
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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专利名称(译)	用于减少色偏的光学膜和使用该光学膜的有机发光显示装置		
公开(公告)号	EP2747166A3	公开(公告)日	2016-08-17
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其他公开文献	EP2747166B1 EP2747166A2		
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摘要(译)

光学膜和采用其的有机发光显示装置包括高折射率图案层 (110) , 其包括彼此面对的第一表面和第二表面 , 其中第一表面包括具有多个凹槽的图案 (GR)) 。多个凹槽各自具有弯曲表面并且深度大于其宽度。高折射率图案层由折射率大于1的材料形成。光学膜和有机发光显示装置还包括由具有折射的材料形成的低折射率图案层 (120) 。折射率小于构成高折射率图案层的材料的折射率。低折射率图案层包括用于填充多个凹槽的填充材料。

FIG. 1

