

130;	140;
150;	160;
170, 175;	180;
190;	

가 가 , 가 B

M(black matrix) black

(liner polarizer) (circular polarizer)

1/4 1/4 (1/4 λ)

45 ° 1/4 45 ° 1/4

1/4 1/4 90 °

가 가

5,596,246 1 2

1/4 가가 가

가 가 가

가 가

0.1 μm 50 μm

, ; ;
 ; , 2
 , , 가
 , 가 50 300 μ m
 (1)
 1a 1b 1 1
 1a 1b , (110) ITO, IZO
 (120) (120)
 (120) (130) (130)
 (Emitting layer), (ETL), (EIL), (HIL), (HTL),
 (work function)가 Ca (130) (140) (140)
 (140) (seal) (150)
 (150) (140) (120) (life time) (150) (1
 60) (seal glass) (120), (130), (14
 0)
 (160) (160)
 (170, 175)
 (170, 175) (Optiva) 0.1 μ m 50 μ m
 (170, 175) 가
 (170, 175) (110, 160)
 가 (170, 175) (110, 160)
 (2)
 2 2 2
 (210) (260) (270, 275)
 2 (210) 1 (220), (230)
 (240) (250)
 (210) 1 가 (2
 70)

(260)
(220), (230), (240) (275)

(3)
3 3 (310, 360) 3 (370, 375)

3 (370) (310)
(320), (330), (340) (370) (350)

2 가
(360) (360) (320), (330), (375)
(340)

(4)
4 4 (410) (460) 4 (470, 475)

4 (410)
(470) (420), (430), (440) (470) (450)

0) (450) (460) (420), (

430), (440) (460) (460)

(460)
(475)

(5)
5a 5b 5 (510, 560) 5 (570, 575)

5a 5b (510) (520), (530),
(540), (550)

(560) (520), (530), (540)

(560) (510, 560)
(570, 575)

(570, 575) 가 (560) (510) 가 50 μ m
300 μ m (film)

(6)
6 6 (610) (660) 6 (670, 675)

6
(620), 5
(630), (640) (610)
(650) 5
(610) 5 가 (670)
(660) (675)
(620), (630), (640) (660)
(7)
7 7 (710, 760) 7
(770, 775)
7 (710) (770) (720),
(730), (740) (750)
(760) (775) (760)
(720), (730), (740)
(8)
8 8 (810) (820) 8
(870, 875)
8 (810) (870) (870) (
820), (830), (840) (850)
(850) (860) (820), (8
30), (840)
(860) (875)
1a 5a (170, 175) (570, 575) 가
(160, 560) (180, 580) (170, 175)
(570, 575) (190, 590) (160, 560) (
(575) (191, 591) (16
175) (175, 575)
0, 560)
, 1b 5b 가 (110, 510) (180, 580)
(170, 175) (570, 575) (190, 590)
(110, 510) (170) (570)
(192, 592) (110, 510) (170) (570)
가

(57)

1.

;
;
;

, ,
,
.

2.

1 ,

, , 가
.

3.

1 ,

, , 가
.

4.

1 ,

, , 가
.

5.

1 ,

, , 가
.

6.

1 ,

0.1 μ m 50 μ m .

7.

;
;
;

, , ;

2

8.

7

가

9.

7

가

10.

7

가

11.

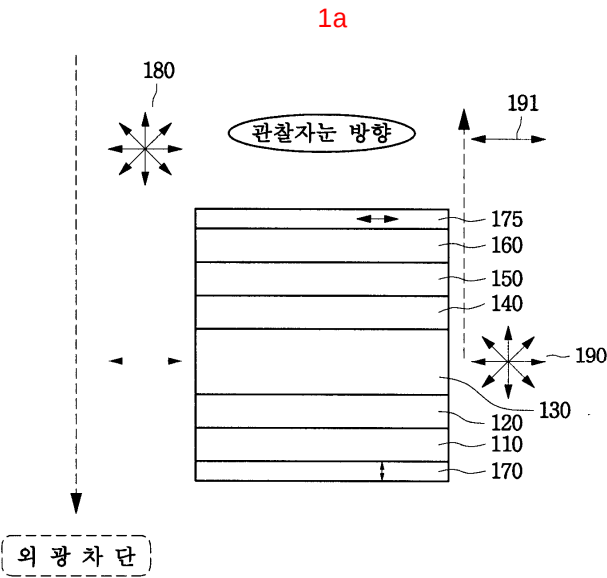
7

가

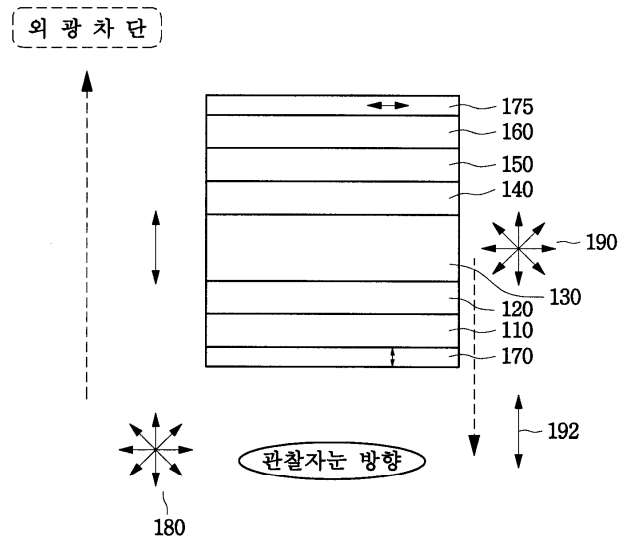
12.

7

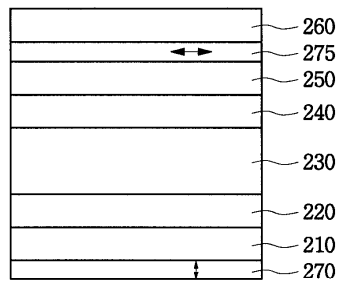
가 50 300 μ m



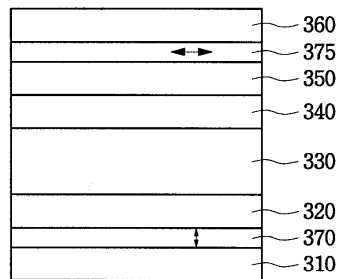
1b



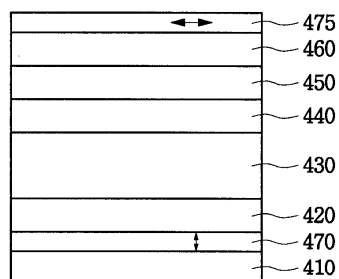
2



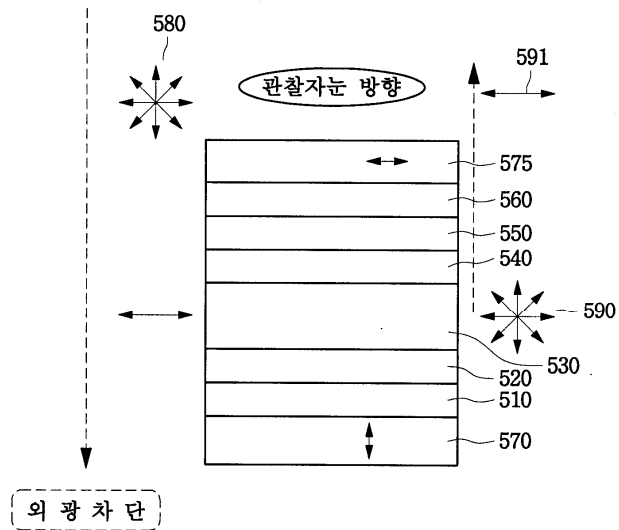
3



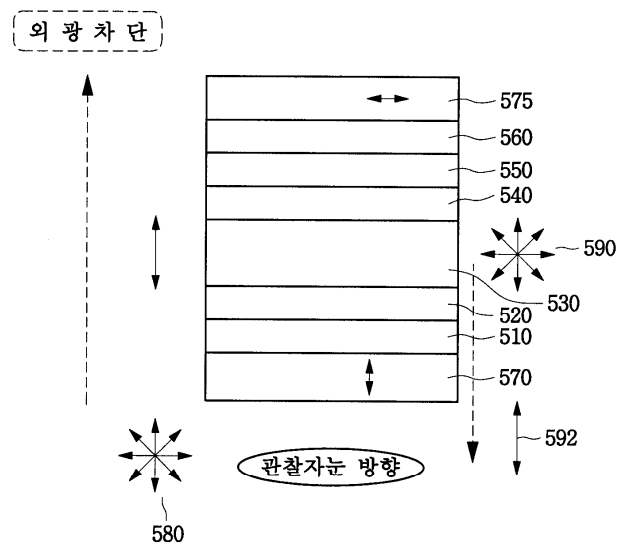
4



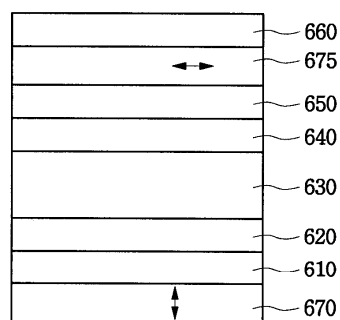
5a



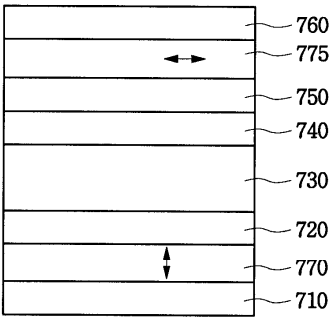
5b



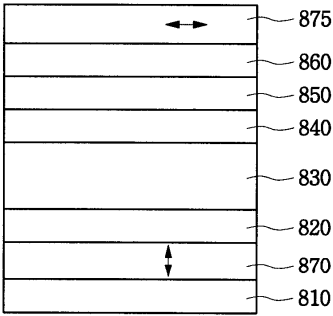
6



7



8



专利名称(译)	有机电致发光显示装置		
公开(公告)号	KR1020040102651A	公开(公告)日	2004-12-08
申请号	KR1020030034179	申请日	2003-05-28
申请(专利权)人(译)	三星SD眼有限公司		
当前申请(专利权)人(译)	三星SD眼有限公司		
[标]发明人	PARK JINWOO 박진우 CHUNG HOKYOON 정호균		
发明人	박진우 정호균		
IPC分类号	H05B33/22		
CPC分类号	H01L51/5281 H01L51/5293		
代理人(译)	PARK , 常树		
其他公开文献	KR100527188B1		
外部链接	Espacenet		

摘要(译)

目的：提供有机电致发光显示器，以通过在上下绝缘基板的侧表面上形成偏振材料膜，在显示器的两侧屏蔽从外部光源发出的光。组成：一种有机电致发光显示器，包括形成在下部绝缘基板（110）上的阳极（120）；在阳极上形成有机电致发光层（130）；形成在有机电致发光层上的阴极（140）；上部绝缘基板（160），用于封装阳极电极，有机电致发光层和阴极电极。上绝缘基板和下绝缘基板的侧面被偏光材料膜覆盖。

