

*

*

21, 31 : 22 :

23 : 24 :

25 : 26 : 가

27 : 33 :

(Organic Electro Luminescent Display)

가 ,

(EL)

1 EL

(34), (33), (37) (EL) (Electro Luminescent Display) (31) ITO (32), (37)(Capsule) (35) (38) EL (39)

(Active Area)

(LCD)

EL 가

가

가

EL

EL

EL

가
EL

가

가

가

, , , ,

, .

, .

EL

EL

2 EL

EL (31) (32),

(33), (34) (35) .

(21) (22) (23

) , (24) .

(33) (31) (23) (21) 2 (31) (36)

가 EL 가 (21) (31) (36)

1 (22) (23) , (37)

EL EL

3 EL 2

3 (8') (36') (8') (36)

EL 2

2

가 3 mm 가 (8') (8a) (8b) K가 3 mm

가

4 7

(21) (23) , (22) (22) 4 (8

) (22) (8) (8') , (21) (22) (22)

(22) , 가 ,

가

(22) 300 (micro meter) (22) 10

(22) (22) 1 mm 10 mm

(22) (22) 5 (23) (8)

5 가 (8')

(23) (39) (BaO) (CaO) , (23)

30 %

(23)

(23)

(22)

(22)

(23)

가

(23)

(23)

(23)

(24)

(24

(24a)

(24a)

(8')

(24)

6

가

(24)

(Spin Coater)

(24)

(24)

A

A

B

A

B

C

A, B C

가

A B가

가

A

가

B

D

D

가

A

(24a)

(24)

PMMA(Poly methyl metha acrylate),

5CB

3 : 7 : 4

가

4 : 6 : 4

가

가

가

PMMA

가

(21)

(23)

7

(21)

(22)

(23)

(24)

(21)

(23)

(31)

EL

가

8

9

(21)

8

8

(23)

6

(24)

(23)

(23)

(24)

(24)

9

(21)

(23)

(23)

(23)

(24)

4

9

EL

EL

(24)

(23)

가

(33)

10

(22)

가

(23)

(22) (23) , (23) , 7 , (21)

(23) , (21) , (24) (22) ,

가 (22) , (21) (24) (22) (21) (24)

11 .

(33) (33) 가 가 . (31) (21)

10 (33) (23) (33) (23) .

(31) (24) ITO (32), (33), (34) (35) . (22)

(23) , (22)

(21) (31) 가 , (23) (23)

(25) .

(25) (Spin Coater) 가 .

가 (25) (25) 가

(26) (SiO₂) (25) 가 (26)

가 EL (26) (27) . (27)

(27) (Acrlate)

가 (33) (23) , EL

가 (23) (22) EL

가 가 .

EL EL EL

(57)

1.

가

2.

1 , .

3.

2 , , 가

4.

2 , , 가

5.

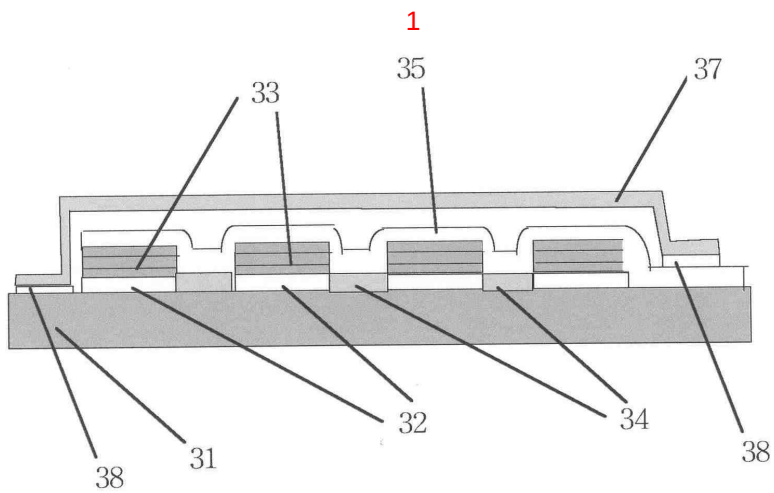
2 , .

6.

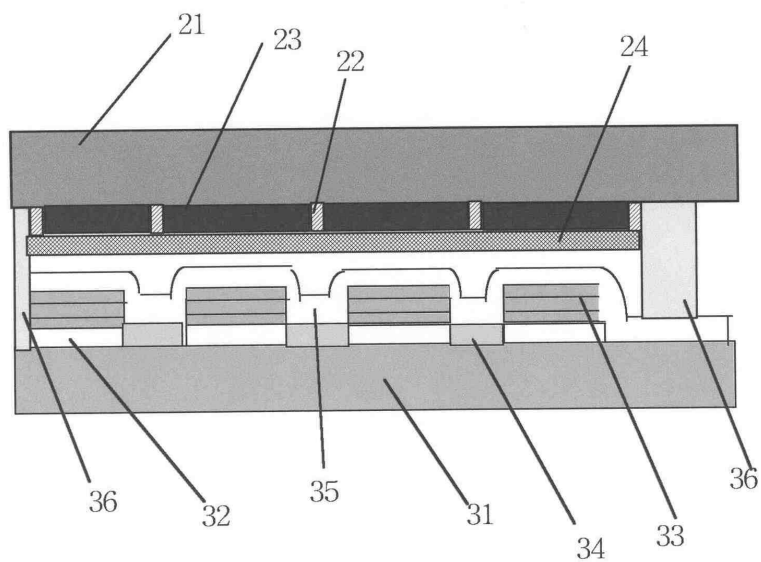
4 , 가

7.

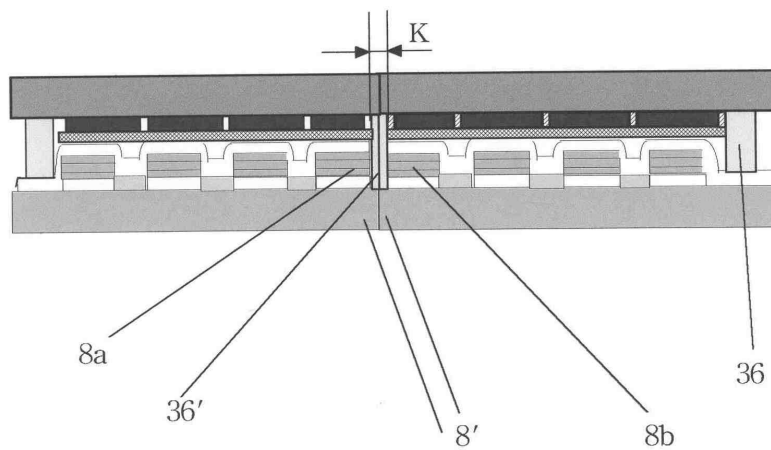
1 , , , .

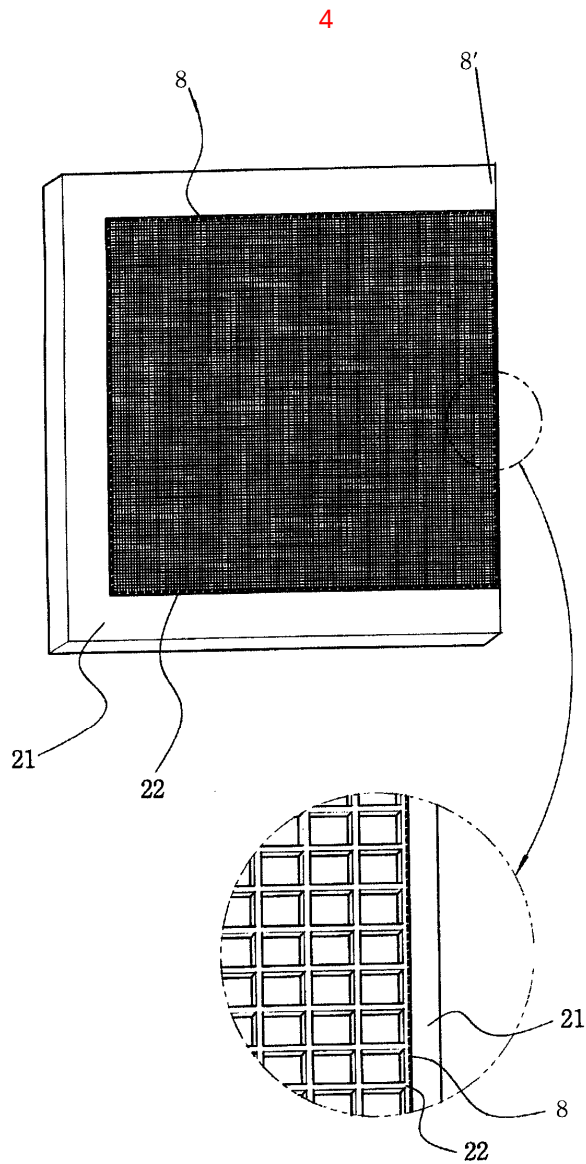


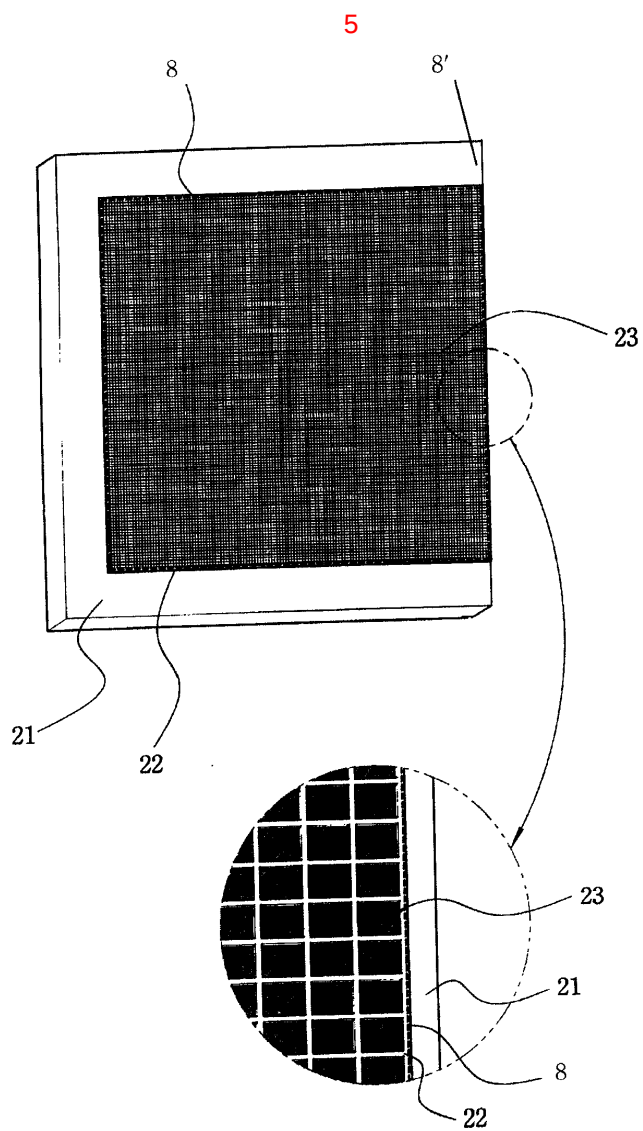
2

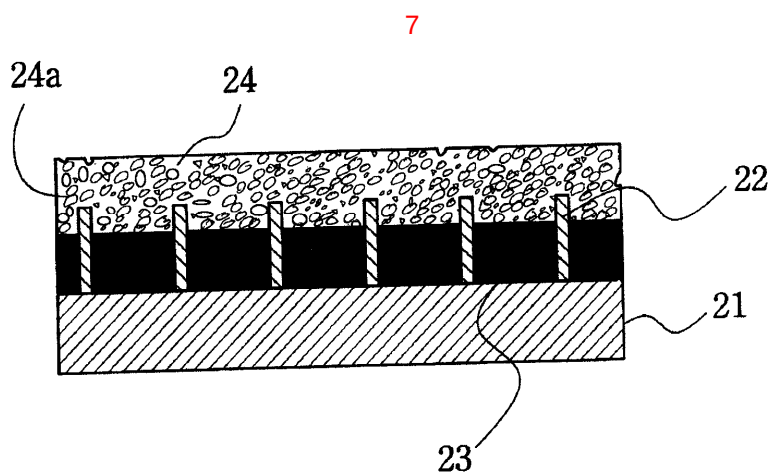
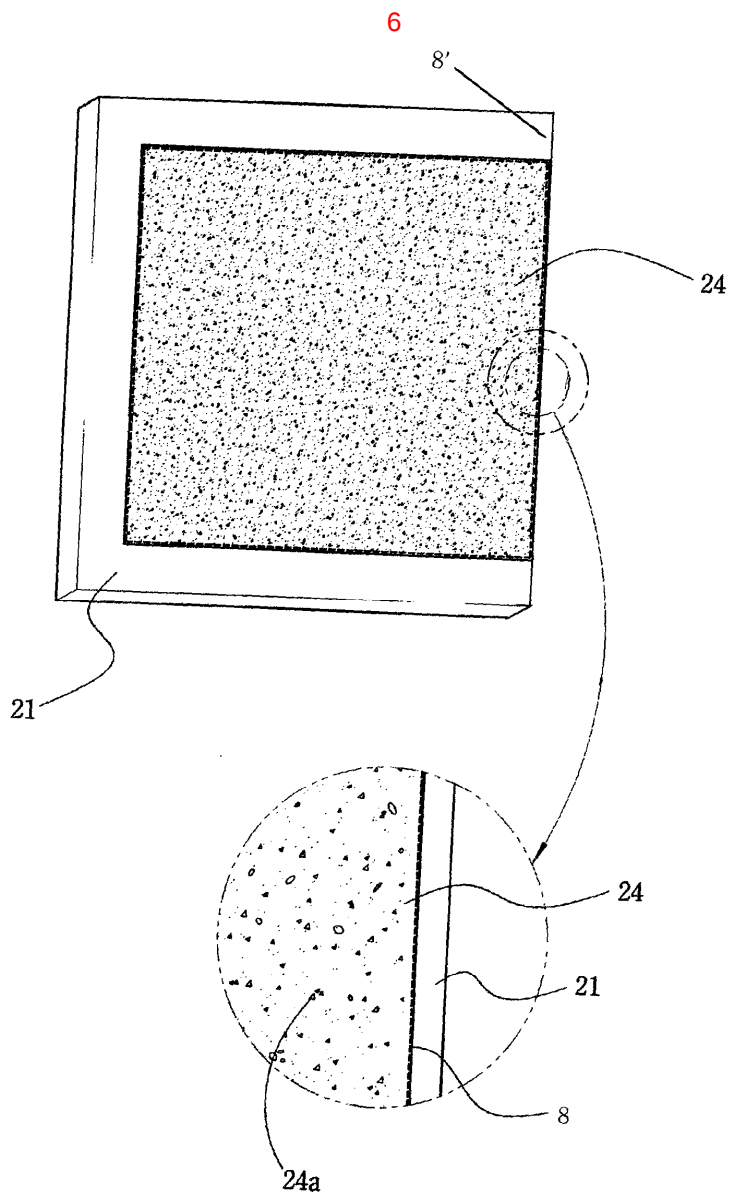


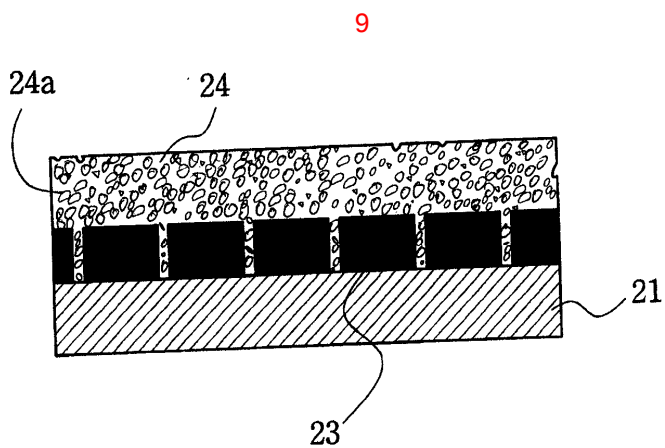
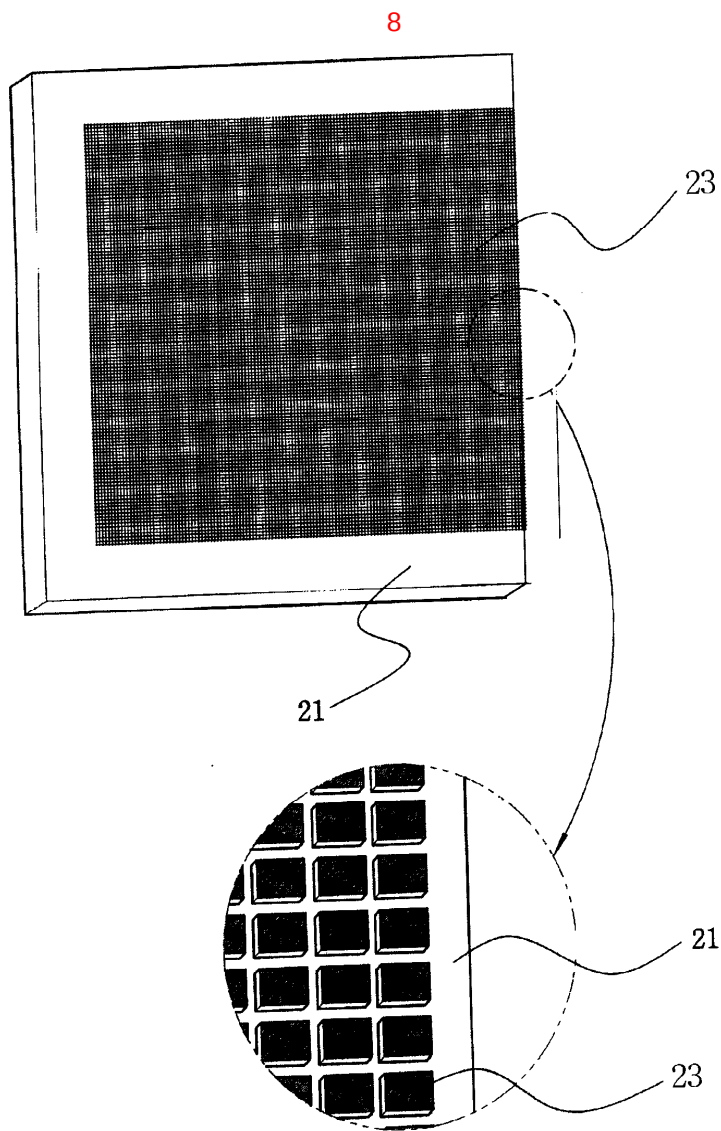
3

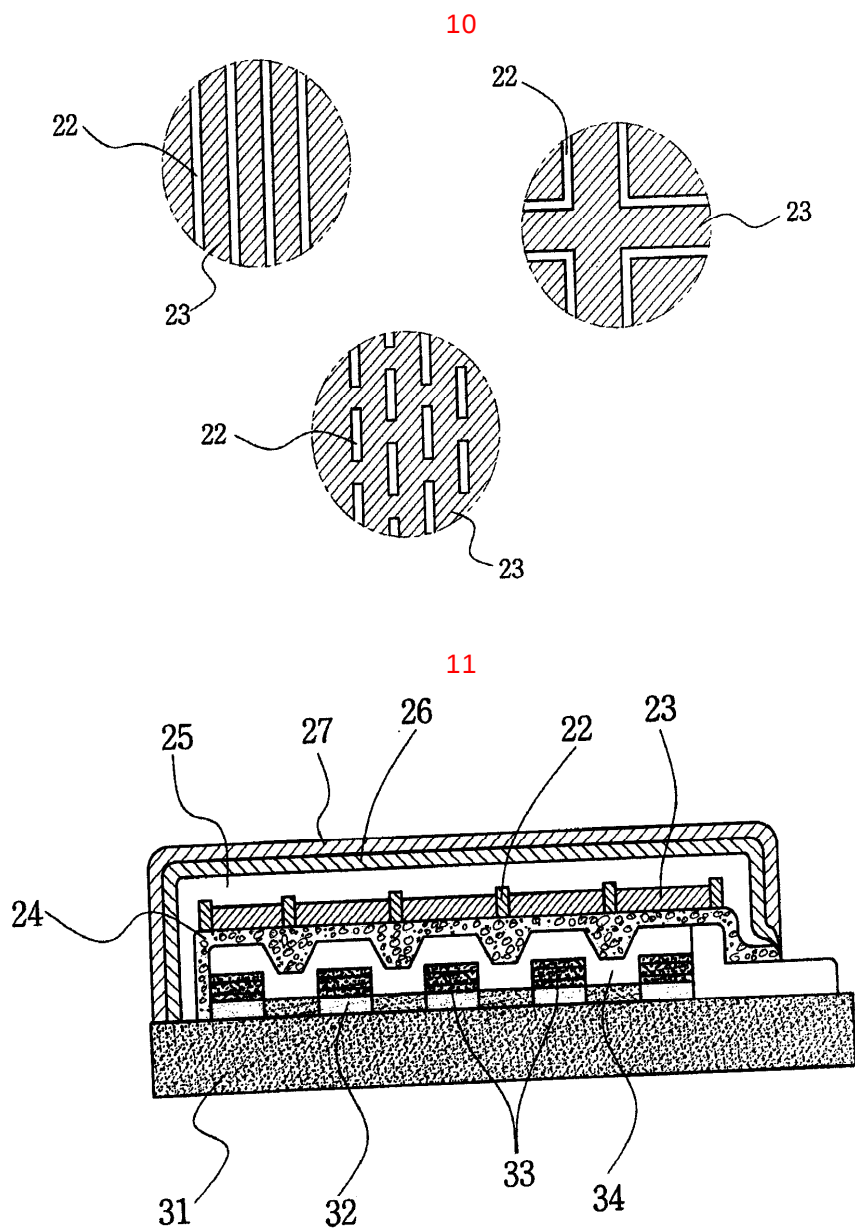












专利名称(译)	有机EL显示装置		
公开(公告)号	KR1020030079603A	公开(公告)日	2003-10-10
申请号	KR1020020018763	申请日	2002-04-04
[标]申请(专利权)人(译)	金时焕 Gimsihwan		
申请(专利权)人(译)	Gimsihwan		
当前申请(专利权)人(译)	Gimsihwan		
[标]发明人	KIM SI HAN		
发明人	KIM, SI HAN		
IPC分类号	H05B33/00		
CPC分类号	H01L51/525 H01L51/5259		
代理人(译)	PARK , JONG MAN		
其他公开文献	KR100478311B1		
外部链接	Espacenet		

摘要(译)

本发明提供一种有机EL显示装置。一种有机EL显示装置，其中透明电极，有机膜和金属电极形成在基板上，包括多个障肋和吸收体，并且吸湿剂设置在障肋之间。结果，可以使有机EL显示装置的面积小于现有技术中的面积，并且可以使厚度更薄。2 指数方面 有机多层膜，吸湿膜，隔墙，透湿膜

