

(19)(12)(KR)(A)

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(43)

10-2004-0090165
2004 10 22

(21)10-2003-0024103

(22)2003 04 16

(71)

20

(72)

299-24

(74)

:

(54) E L

EL, ITO, EL,

EL,

,

가

4g

EL, (Sealing),

1a 1d EL

2 1d A

3 1d B

4a 4g EL

5 4d

6(a) 6(f)

**

**

11 : 12, 12-1 : ITO

13 : 14 :

15 : 15-1 :

16 : EL 17 :

18 : 18-1 :

19 :

EL , (sealing) (sealant)가 가

(Light Emitting Diode : LED) EL

가

EL 15V 가

EL (Flexible)

(Flat Panel Display: FPD) LCD(Liquid Crystal Display)

(back-light)가 가

EL

1a 1c EL

1a (1) (anode) 가 ITO (2)

ITO (2) 가

ITO (2-1) , ITO (2)(2-1) (

(4) (5)

1b , , EL (6)

1c Mg-Ag , Al (7)

EL
al Cover : 9)

1d (Sealant : 8) (1) (Se

(8)가 (5) (8) (5)

(Cell) 가 .

2 1d A , 3 1d B , (5) (8-
1)가 .

(8-1) (7) EL (6)

EL , 가 가 .

EL ITO , , EL ,

EL ,

4a 4g EL .

4a (12) (anode) 가 ITO (12)

ITO (12) 가

ITO (12-1) .

4b ITO (2)(2-1) (13) .

(13) ITO , Cr, Al, Cu, W, Au, Ni, Ag

4c (14) 4d

(5) .

가 (5)
(5) (5-1) .

5 4d (5-1) a b
(5) c (a, b, c>0).

6(a) 6(f) (5-1) 5
(Square) 6(a)~ 6(d) (5) d, d' , 6(e)

, 6(f) 가 .

, 4e , , EL (16) .

, 4f (17) Mg-Ag , Al (17) . , (5-1) (e) .

, 4g (18) (11) (19) .

, C (18)가 (18)가 (15) 가 , (15-1) (18)가 가 .

EL 가 .

가

가

가

가

(57)

1.

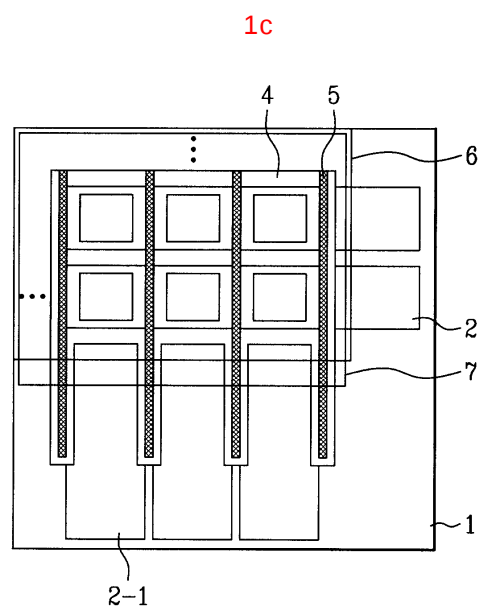
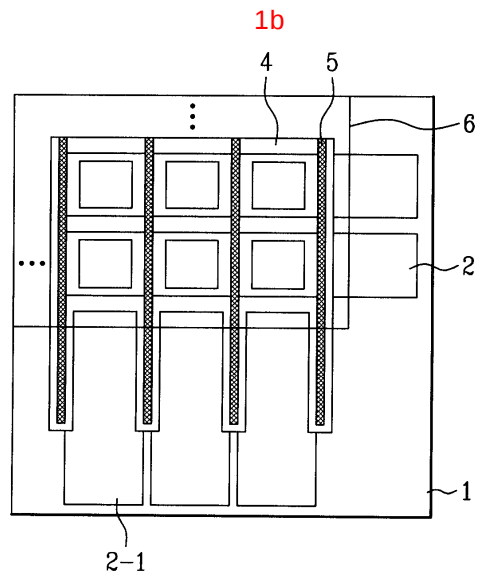
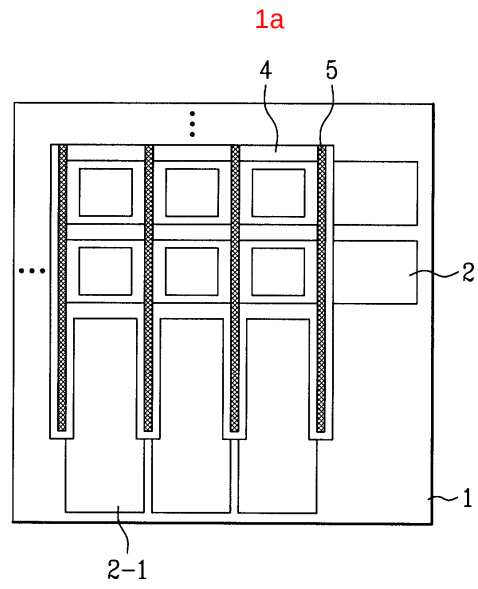
ITO , , EL , EL , EL

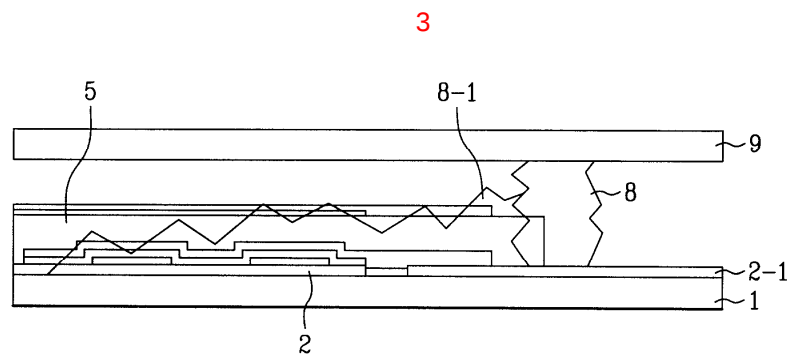
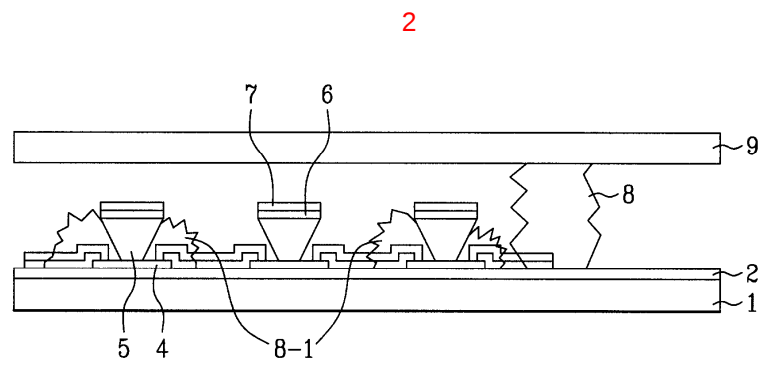
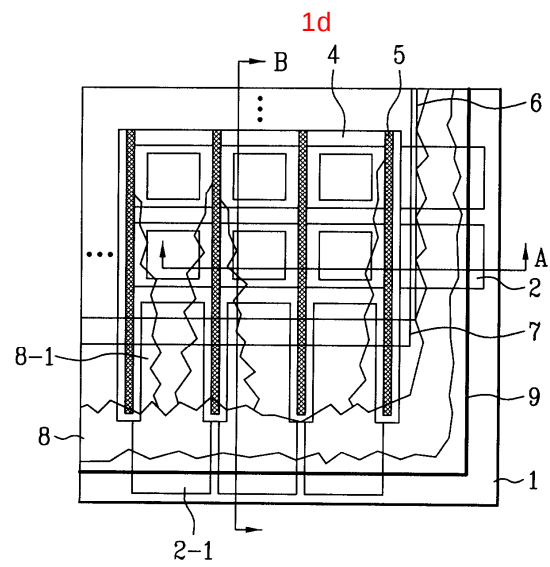
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1 , EL

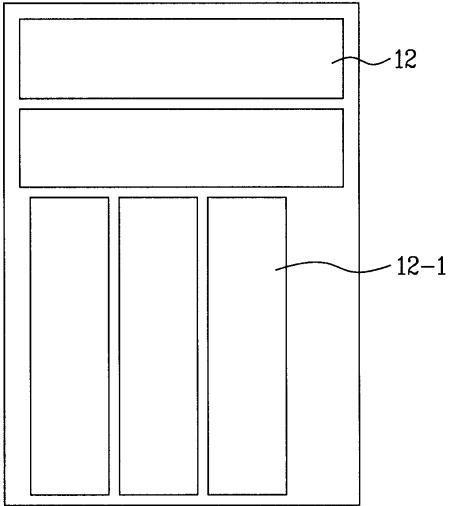
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1 , EL

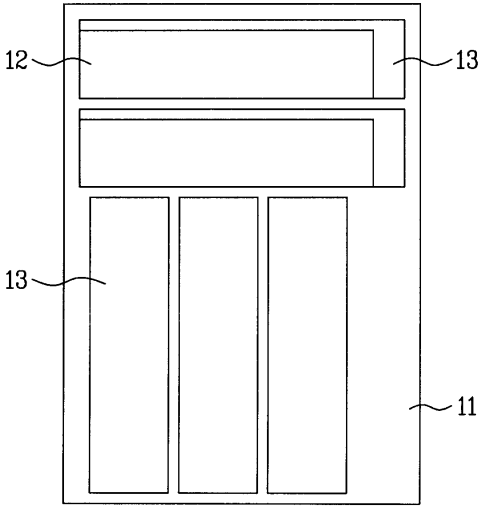




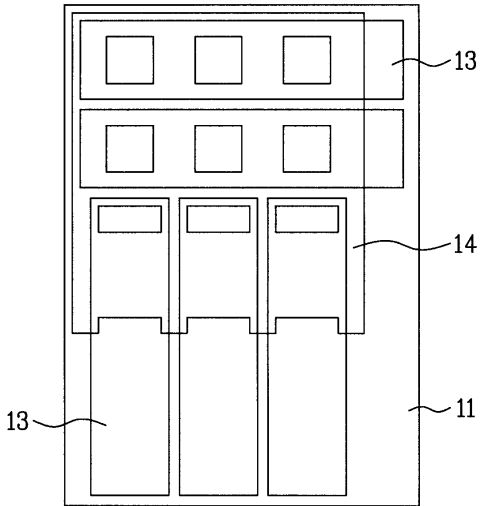
4a



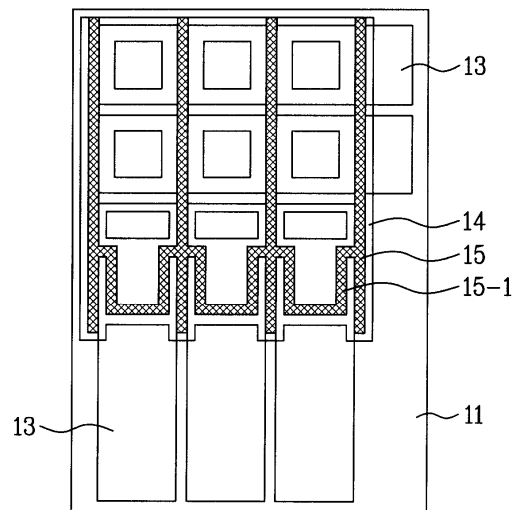
4b



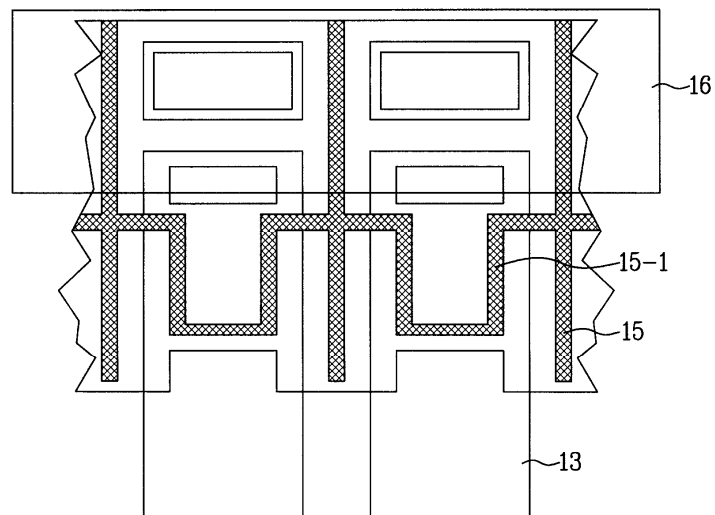
4c



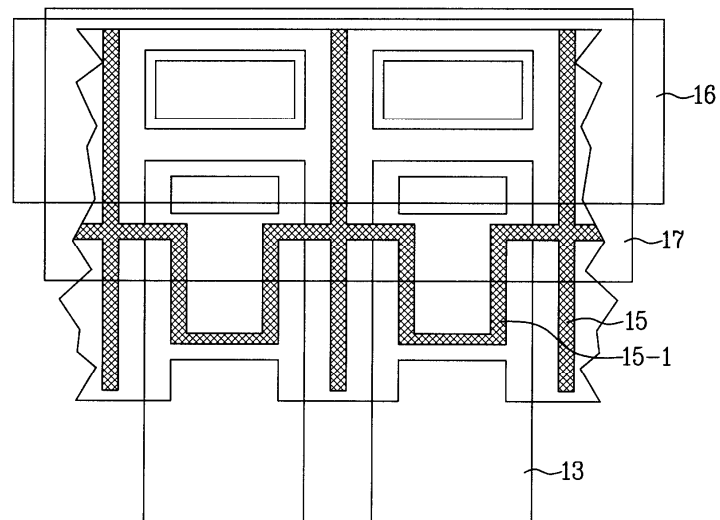
4d



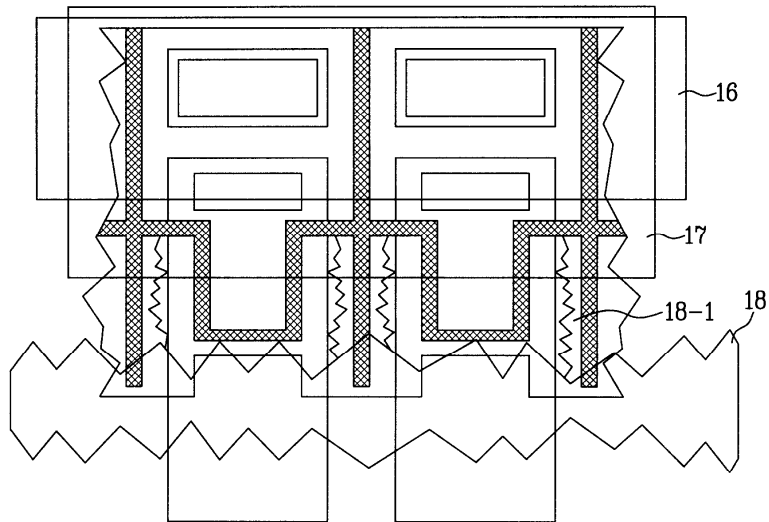
4e



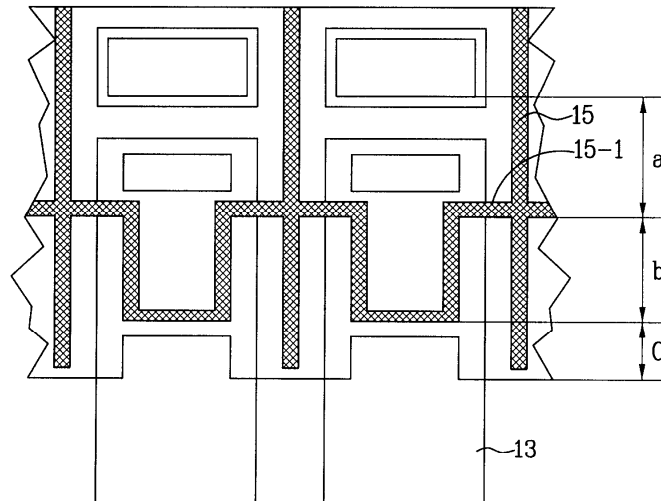
4f



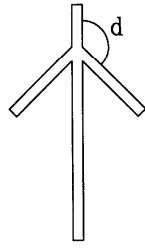
4g



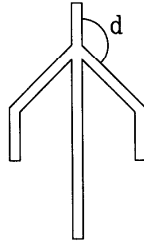
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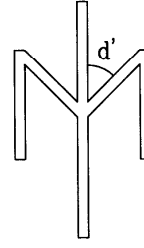
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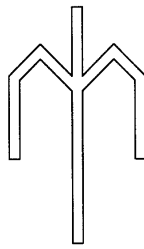
(a)



(b)

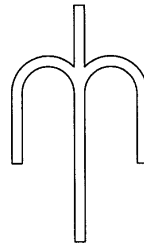


(c)

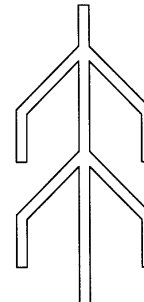


(d)

...



(e)



(f)

专利名称(译)	有机EL显示板的制造方法		
公开(公告)号	KR1020040090165A	公开(公告)日	2004-10-22
申请号	KR1020030024103	申请日	2003-04-16
申请(专利权)人(译)	LG电子公司		
当前申请(专利权)人(译)	LG电子公司		
[标]发明人	KIM CHANGNAM		
发明人	KIM,CHANGNAM		
IPC分类号	H01L51/50 H01L27/32 H05B33/04 H05B33/26 H05B33/22 H01L51/52 H05B33/12 H05B33/10		
CPC分类号	H01L27/3283 H01L51/5246 H01L27/329		
代理人(译)	金勇 新昌		
其他公开文献	KR100499509B1		
外部链接	Espacenet		

摘要(译)

本发明涉及一种制造有机EL显示板的方法，更具体地说，涉及一种制造有机EL显示板的方法，该方法包括一个发光单元，该发光单元包括ITO条，辅助电极，有机EL层和阴极条，根据本发明的有机EL显示板的特征在于，在主障肋之间形成辅助障肋，以阻挡密封材料渗透到发光单元中。因此，由于密封材料不会通过辅助障肋渗透到发光单元中，所以可以防止有缺陷的装置并且可以提高产量。图4g 指数方面 有机EL，密封，

