

(19)  
(12)

(KR)  
(A)

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H05B 33/04

(11)  
(43)

10-2004-0085001  
2004 10 07

(21) 10-2004-0020628  
(22) 2004 03 26

(30) JP-P-2003-00085418 2003 03 26 (JP)

(71) 가 가 가 1105  
가

(72) 가 4-3146-7 가 가  
가 4-3146-7 가 가  
가 4-3146-7 가 가

(74)  
:

(54) E L

15) . EL (10) (11) 1 EL (12), (13) 2 가 (14) EL ( ( (16) (11) , (16) EL (15) EL (17) EL (18) EL (15) (16) (18A) (15) (U)가 . (18)가 ,

2

1

2

EL

3	EL	.
4	EL	.
5	EL	.
6	( )	.
7	( )	.
8		.
9	EL	.
10	EL	.

10, 20, 30, 40, 50 : EL

11 :

12 : 1

13 :

14 : 2

15 : EL

16, 21, 31, 41 ,51 :

16A, 21A, 31A, 41A, 51A :

21B, 31B :

17 :

18, 22, 32, 42, 52 :

18A, 22A, 32A, 42A, 52A :

19, 23, 33, 43, 53 :

U :

EL .

EL 2 1 , EL , EL  
 EL  
 가 , EL EL  
 EL ( -148066 ) 1 1 (a) EL  
 ( ) (4) (5)( 2 ) ( EL ) (1) , (2), ITO ( 1 ) (3),  
 (8) ( ) (9) ( EL ) (6), ( ) (7),  
 (8) (7) , EL , EL  
 가 , (8) EL -148066  
 (8) (8) (7) (6)  
 1 (b) EL (8)가 EL  
 , 가 , [ (8) (8A) 가 가 , EL  
 EL (1) (6) (8) (8) , ,  
 8)가 (6) 가 , (8) (8A) (6) (8)가 , (6) 가 ( )  
 , 가 (6) , (8) 가 (6)  
 , 가 EL 가 (6)  
 가 EL ( , , EL ) ,  
 EL  
 1 , EL EL , EL EL  
 EL EL EL EL  
 EL  
 6 , EL EL EL  
 EL EL EL







가

가

[ EL ] (11) 1 (12), (13) 2 (14) EL (15)

(a)

(11)

(b)

(11) (12) ITO, ZnO  
 , 2 (14) ( ) 1 (12)  
 , Al, In, Mg , LiO<sub>2</sub>/Al 가 , ,

(c)

(13) 1 (12) , 2 (14) / /  
 , (13) , , , 1 , ,

(13) EL ,

가  
 ]- (NPB) (銅) , 4,4'- [N-(1- )-N-  
 , 3 , 4-( -p- )-4'-[4-( -p- ) ]  
 가 , ,

가 가 , 4,4'- (2, 2'- )- (DPVBi)  
 , 1,4- (2- ) , 3-(4- )-4- -5-t-  
 -1,2,4- (TAZ) , (Alq<sub>3</sub>) , (PPV) , (8-  
 ) (PVK)

( 2001-520450 )

가 ( , )



1 4 , EL EL

6. EL , E

L , EL EL

6 7. EL ,

6 8. , EL

6 9. 가 , EL

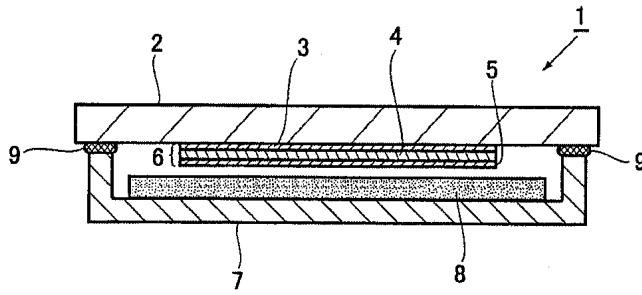
7 8 , EL 가

6 10. 9 , EL EL

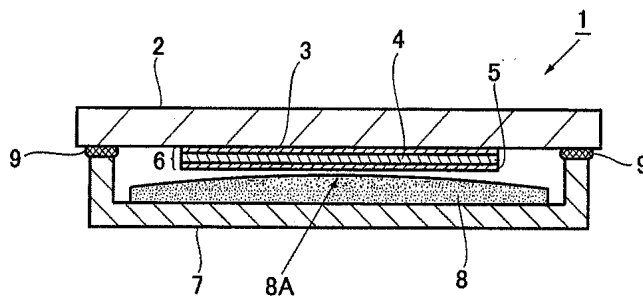
1

(a)

종래 기술

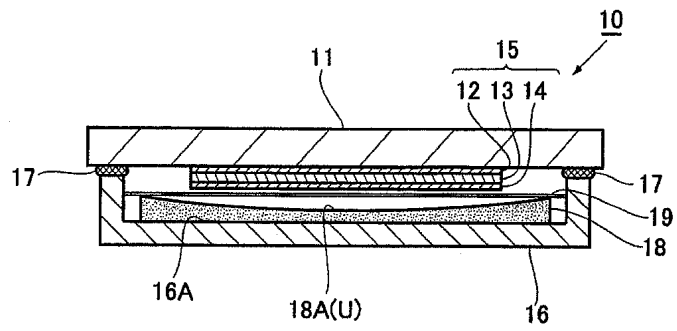


(b)

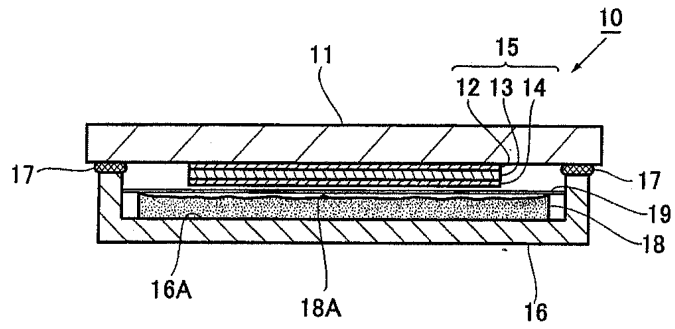


2

(a)

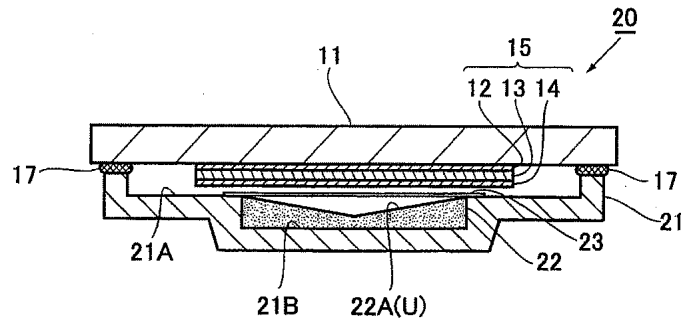


(b)

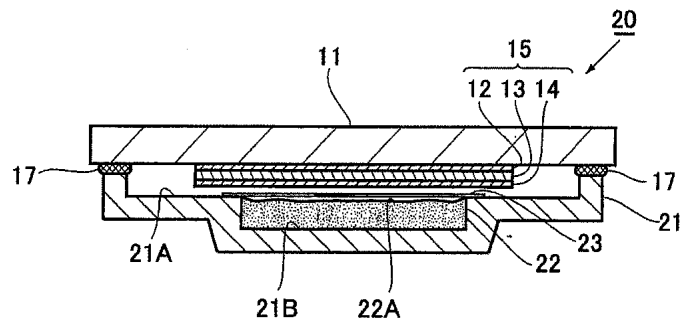


3

(a)

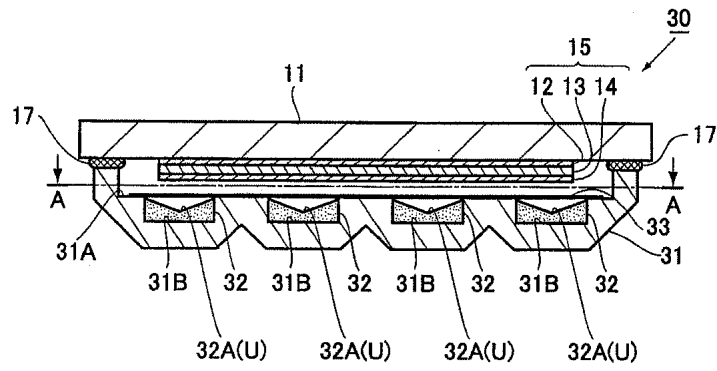


(b)



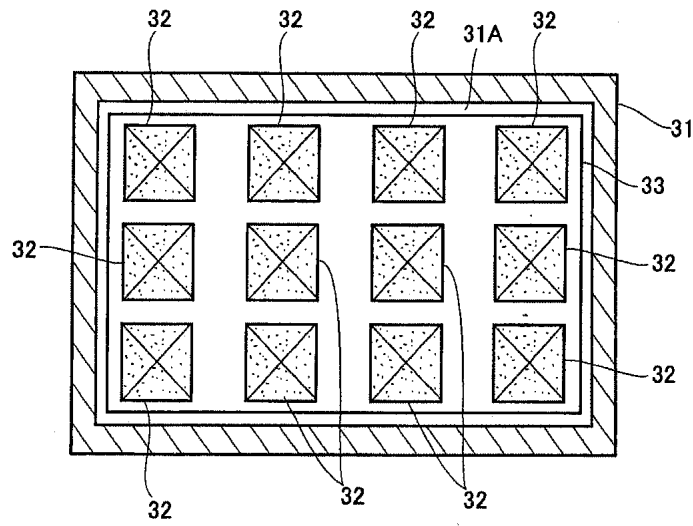
4

(a)



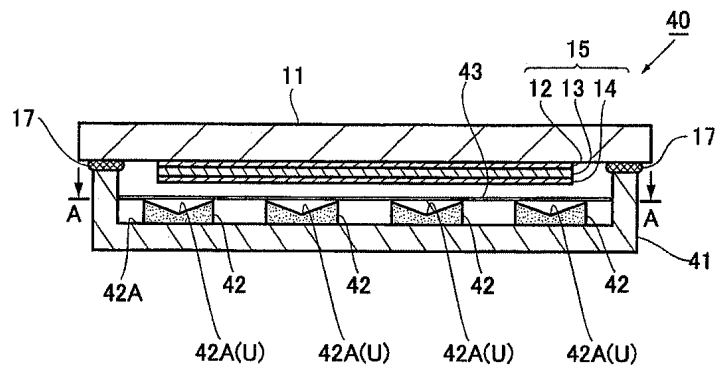
(b)

A-A 단면도



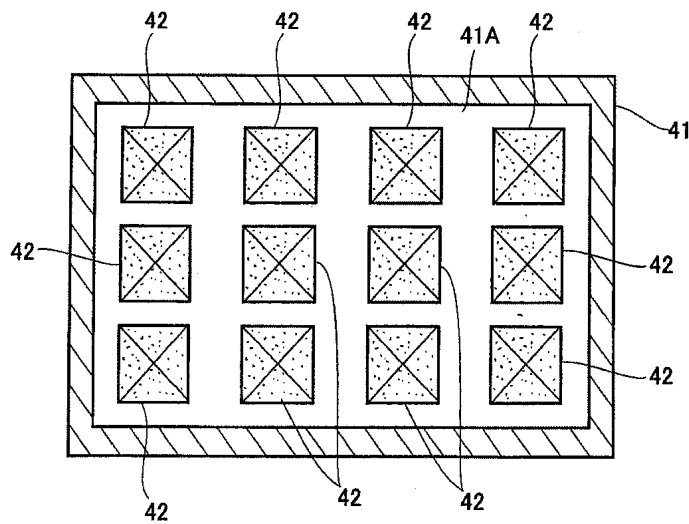
5

(a)



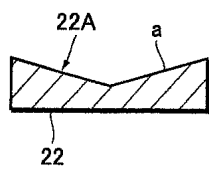
(b)

A-A 단면도

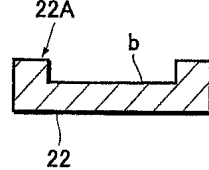


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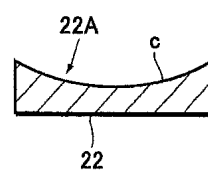
(a)



(b)

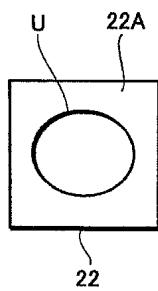


(c)

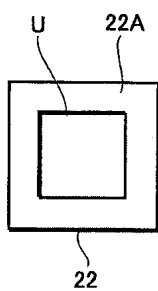


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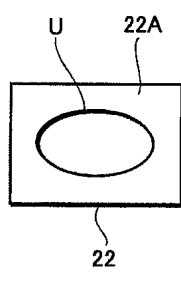
(a)



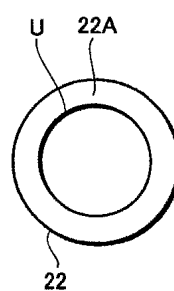
(b)



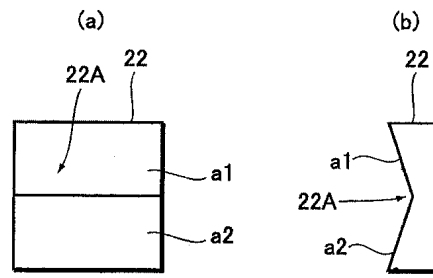
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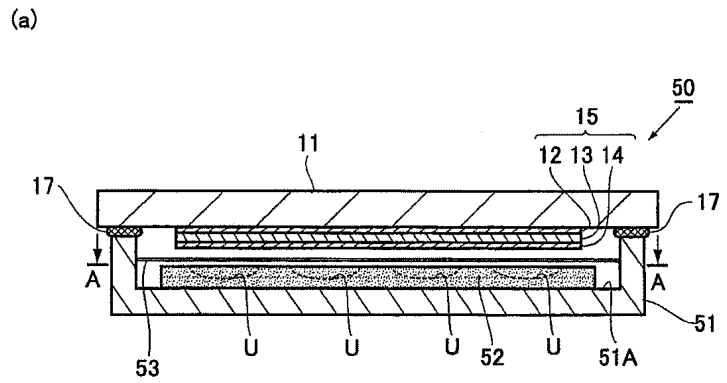
(d)



8

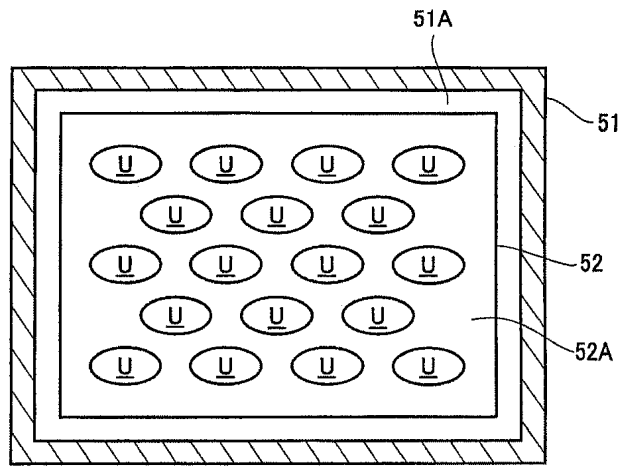


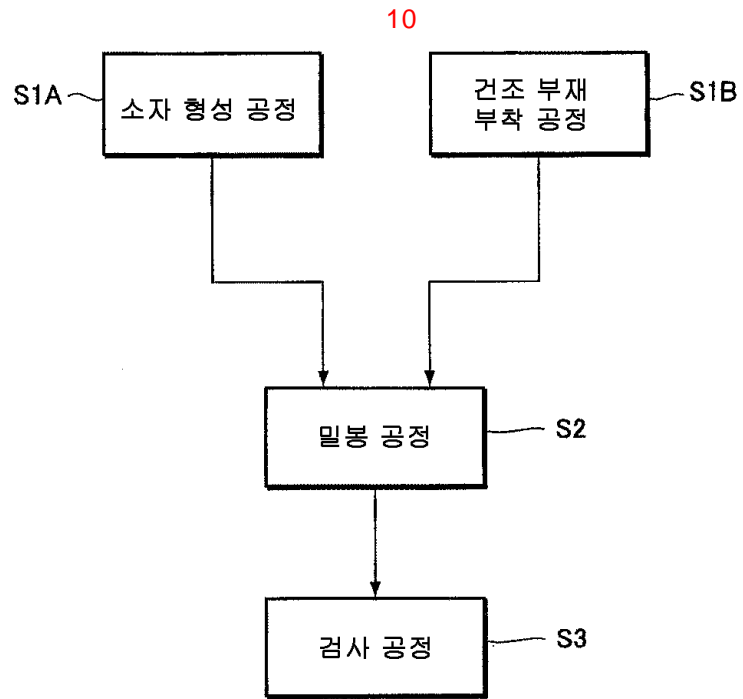
9



(b)

A-A 단면도





专利名称(译)	有机EL面板及其制造方法		
公开(公告)号	<a href="#">KR1020040085001A</a>	公开(公告)日	2004-10-07
申请号	KR1020040020628	申请日	2004-03-26
[标]申请(专利权)人(译)	东北先锋股份有限公司		
申请(专利权)人(译)	先锋sikki古兰经东宝		
当前申请(专利权)人(译)	先锋sikki古兰经东宝		
[标]发明人	OHSHTA ISAMU 오오시타이사무 NAITO TAKEMI 나이토다케미 MATSUDA ATSUSI 마츠다아츠시		
发明人	오오시타이사무 나이토다케미 마츠다아츠시		
IPC分类号	H05B33/04 H01L51/50 H05B33/14 H01L51/52 H05B33/10		
CPC分类号	H01L51/5237 H01L51/5259 H01L51/524 Y10T428/24479		
代理人(译)	KIM , SEONG KI		
优先权	2003085418 2003-03-26 JP		
外部链接	<a href="#">Espacenet</a>		

摘要(译)

本发明的目的是避免设置在密封构件中的干燥构件与形成有机EL元件的层压体之间的接触。有机EL面板10通过形成有机EL层叠体15而形成，其中第一电极12，有机层13和第二电极14层叠在基板11上，由此形成至少夹有有机层的有机EL元件。通过粘合剂17将密封构件16粘附到基板11，密封构件16的密封空间覆盖有机EL层压板15，并且有机EL与外部空气隔离。干燥构件18设置在密封构件16中，以与有机EL层压板15隔离。干燥构件18在与有机EL层压板15相对的表面18A上设置有凹部18A，(U)成立。2

