

(19)
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(21) 10-2001-0072707		
(22) 2001 11 21		
(71)	151	D 503-2
(72)	151	
	151	
	517	612 1403
(74)		
:		
(54)		

(encapsulation)

(32);

(34); (36)

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2

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,

1 (encapsulation)

.

2

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(15)
 . EP 0776147A1

(1)

가

(32);

(34);

(36)

2

6)
 32);

(32, 34)

가

(34);

(36)

(3
 (

가

(32)

100
 (nitrile)

150

가

가

(32)

100

200
 (olefin)

R),

(PE),

(SBR),

(LLDPE),
 (PVF),

(LDPE),
 (PVC),

가
 (PP),

(HDPE)
 (NB

E),

(PAM),
 (PVB)

(EAA)

(PMMA)

(PVA),

(PV

(34)

100

300 ,

가

200

300

가

(PET),

(PBT),

(34)

(36)

(36)
 (stainless steel),

(36)

(Cu),

(Ni)

가

(Al),

(36) (34) .

0) (32), (34), (36) / (3

100 200

가 , 가

(23), (24), (25)가 3 (20) (21), (22), (30)

가 가

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1

(- -) (32), (36) N,N'- (

-1-)-N,N'- () (NPB) ITO (22) (LiF) (8- (Alq3) (λ max

(quinolinolato))- (Alq3)

=520nm) - (8- 150 3

가

1

1 1 가

1 1 5 4 5 4 1

1 1 25mA/cm² 가

(Brightness) () 6 6 y (B_i) 100%

(B_t) 1 100 57.5% 58.4% 200 200

47.5% 6 1 1

가

가

(57)

1.

;

2.

1 (olefin) (nitrile)

3.

1 (PVC), (PP), (NBR), (PE), (PVF),
(PVA), (PVE), (PAM), (SBR), (EAA)

4.

1

5.

1 (PBT), (PET),

6.

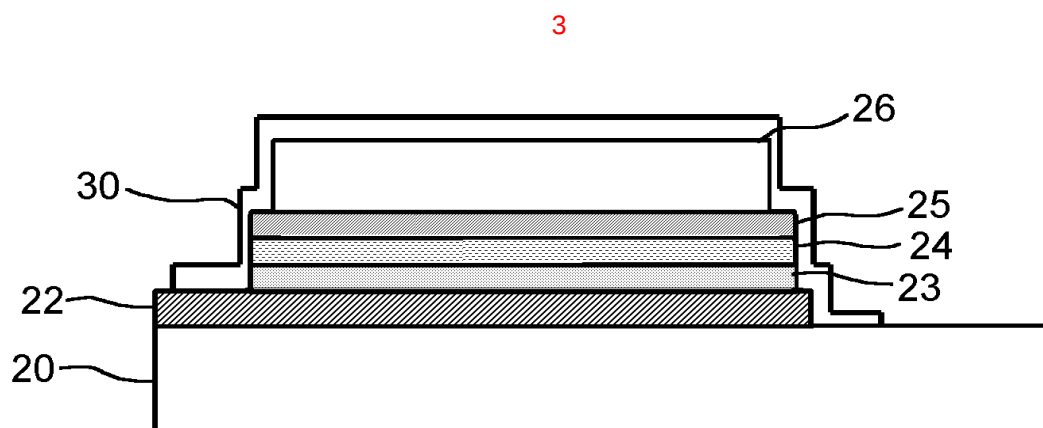
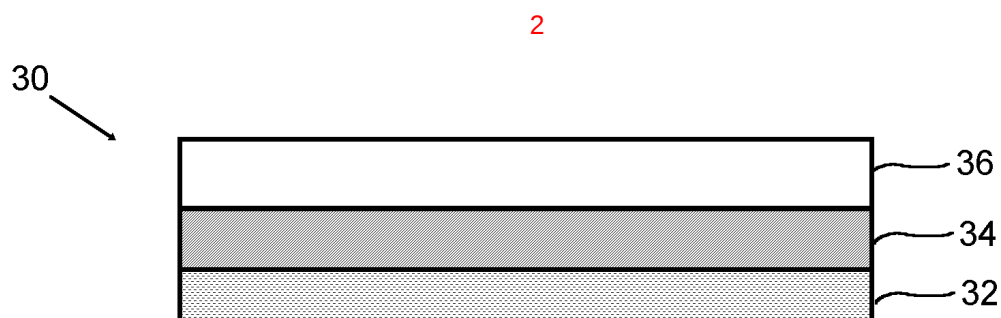
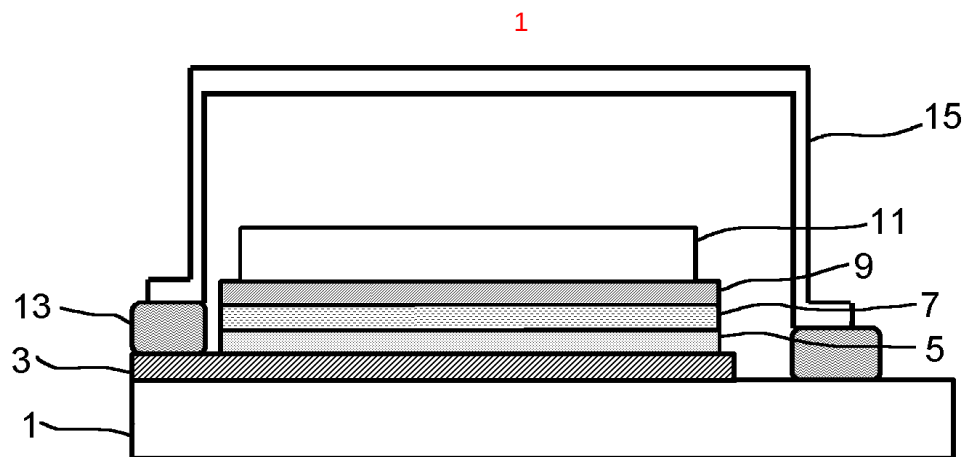
1 (Ni) (Al), (stainless steel), (Cu)

7.

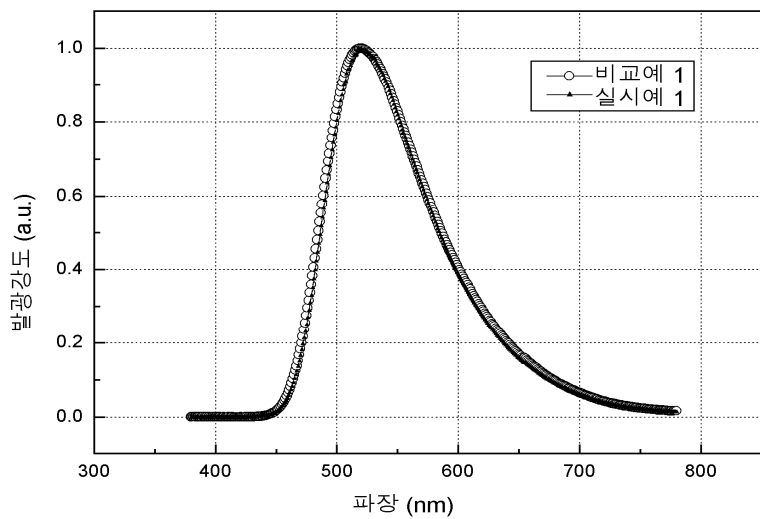
1 6

8.

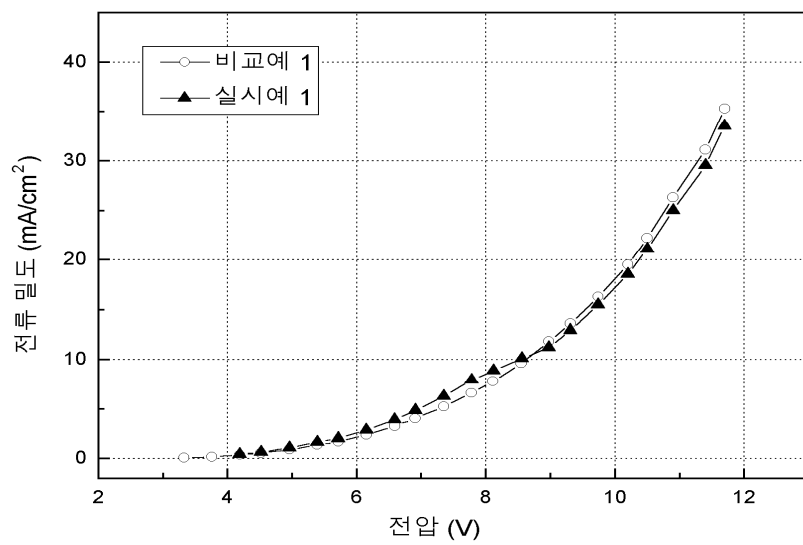
7



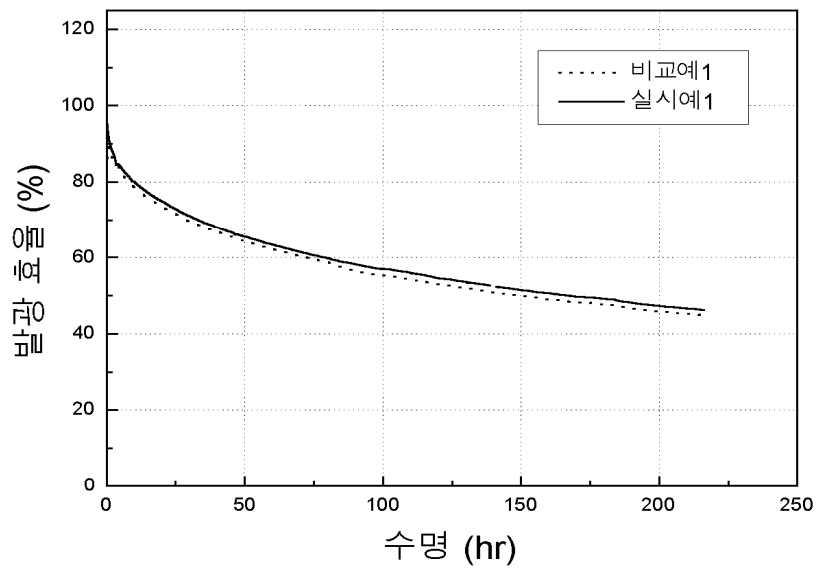
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专利名称(译)	用于密封电致发光元件的粘合膜及其使用方法		
公开(公告)号	KR1020030042169A	公开(公告)日	2003-05-28
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[标]申请(专利权)人(译)	威士通股份有限公司		
申请(专利权)人(译)	汤姆服务有限公司		
当前申请(专利权)人(译)	汤姆服务有限公司		
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IPC分类号	H05B33/04		
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摘要(译)

本发明涉及用于封装有机电致发光器件的粘合膜和使用该粘合膜的密封方法。粘合膜包括具有低熔点的聚合物粘合层 (32) ;一种聚合物绝缘层 (34) , 用于在电极熔化时防止器件电极和金属膜之间的电短路;和金属膜36。通过粘合到器件的基板上, 本发明的粘合剂膜可以容易地粘合到电致发光器件上。与使用现有金属罐或玻璃板的密封工艺相比, 使用本发明的粘合膜的密封工艺可以简化工艺并提高生产率。 2 指数方面 密封方法, 粘合膜, 金属膜, 聚合物

