

(19)
(12)

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(21)

10-2002-0067736

(22)

2002 11 04

(71)

1355-26

(72)

20

(74)

:

(54)

가 가 , 가 , (passivation)
가 가 , (base)
EL 가 , EL ,
phenylmethylacrylate, 7-coumarylmethylacrylate, 9-anthrylmethylacrylate ,
가 ,
.

2

, , , , , , , , ,

1

,

2

1

,

3

4

2

*

*

20 : 21 :

22 : 23 :

24 : 25 :

26 : 40 : 1

41 : 2

가 (sus can) 가 , (base) 가

가 (' EL ') , ,

1 EL .

(12) , EL (glass) (film) (10)
ITO(Indium Tin Oxide) (11) (12) , (13)

, (11), (12), (13)
(14) , (14) , (15) .

, (15) 가 ,
, (14) .

, SUS
, (16) (11) SUS (sealant)(17) (Encapsulation) EL (16) (11)
, 가 (16) .

가 EL 가 ,
가 가 가 가 ,

, 가 (Shield effect)가
(dark spot)

(layer) , (sus can) 가
(base) ,

ssivation) , (base) 가 가 (pa
, EL 가 , EL ,
phenylmethacrylate, 7-coumarylmethylacrylate, 9-anthrylmethylacrylate .
, 가
,
, 1 2 , (20) (21) , (22)
, (20)
, (21) 가 , , , ,
, 2 (ITO), , , ,
, (21) 100 ~ 10, 000 , 10
0 ~ 2,000 가
, (22) (21) (22) (23) , , ,
, (24) (25) .
, (25) 가 , , 2
, , ,
100 , (25) 100 ~ 10, 000 ,
~ 2,000 가
, (25) , (25)
, (Rotation) (Tilting)
, (Ultra Violet) (Rotation) (Tilting)

ylate, phenylmethacrylate, 7-coumarylmethylacrylate, 9-anthrylmethylacrylate, 7-coumarylmethylacrylate, 9-anthrylmethylacrylate (Polymerization)
 ate 가 (Photocycloaddition) , 9-anthrylmethylacrylate 가
 , 3 가
 , 9-anthrylmethylacrylate
 9-anthrylmethylacrylate (Polymerization)
 , 9-anthrylmethylacrylate (Photocycloaddition)
 , 2 4 1 EL (40), 2 (41)
 , 1 (40)
 Enhanced Chemical Vapor Deposition ; PECVD , (Plasma
 , SiO, SiO₂, SiN_x, SiN_xO_y , 1μm~100μm
 , IZO (sputtering) , 1μm 100μm 가 , A
 Al₂O₃
 , (26) 1 (40) 2 (41)
 , 1 (40) (Screen printing)
 , 2 (41) (Ultra Violet)
 , 2 (41) (Urethane) , (silicon) (
 epoxy) 100μm ~ 5000μm
 de), (spin coating) (spray) 가 , (doctor bla
 , (sus can)
 가 (base) 가 가
 가

(57)

1.

, ;
;

2.

1 , ;

phenylmethylacrylate, 7-coumarylmethylacrylate, 9-anthrylmethylacrylate

, .

3.

1 , ;

1 , .

4.

3 , ;

,

;

SiO, SiO₂, SiN_x, SiN_xO_y

,

;

Al, Al₂O₃, IZO

,

5.

4 , ;

가 1 μ m ~ 100 μ m .

6.

3 , 1 ;

2 , .

7.

, 1 ;

1

2

;

2

3

, .

8.

7 , ;

phenylmethacrylate, 7-coumarylmethylacrylate, 9-anthrylmethylacrylate

9.

7, 3; 1 4 가

10.

9;

SiO , SiO_2 , SiN_x , SiN_xO_y

Al , Al_2O_3 , IZO

11.

10;

가 $1\mu\text{m} \sim 100\mu\text{m}$

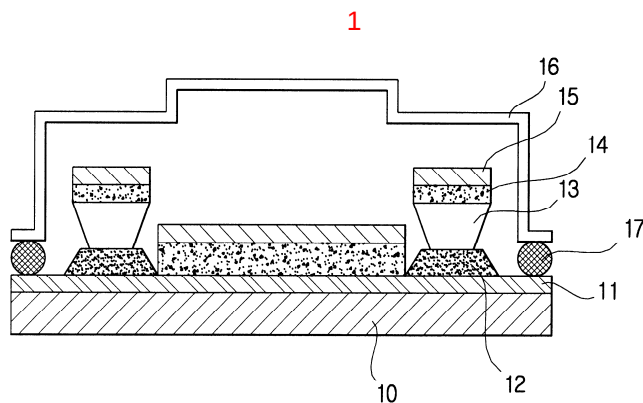
12.

9, 4 1;

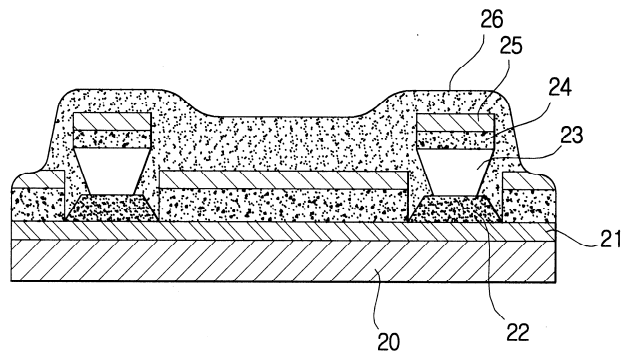
2 가

13.

12;

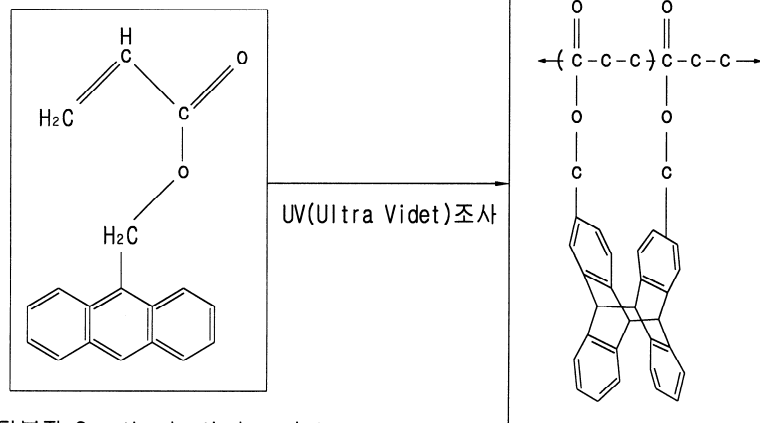


2



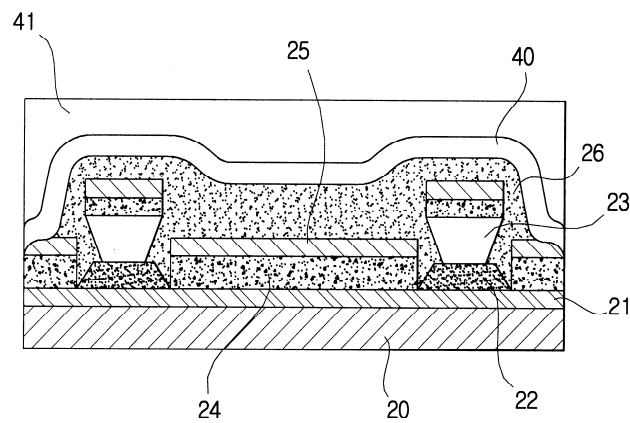
3

고분자 9-anthrylmethylacrylate



단분자 9-anthrylmethylacrylate

4



专利名称(译)	有机电致发光显示面板及其制造方法		
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外部链接	Espacenet		

摘要(译)

对于本发明的有机电致发光显示装置的模塑方法，袋是在易损区域中可能的装置中发挥钝化作用的薄膜，其能够促进氧气或水分在其沉积的装置中渗透，例如，具有薄膜类型的分隔壁的基部附近。为此，为了增加水分或氧气的屏蔽效果，沉积金属箔或无机薄层，光固化有机化合物单体使用苯基甲基丙烯酸酯，7-香豆基甲基丙烯酸酯和9-蒽基甲基丙烯酸酯，如果是阳极和绝缘层，在基板的上部连续形成阴极电极隔板，活性层和阴极电极，制造有机电致发光显示器，在该有机电致发光显示器上涂覆光反应性有机化合物单体，形成单体薄膜，照射紫外线，使光反应性单体聚合，在密封膜的上部添加形成密封膜。并且它涂覆在聚合物树脂中以保护装置免受沉积的薄膜形式部分的外部冲击等。有机，电场，辐射，显示器，器件，袋子，多层，薄膜，附着力。

