

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

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(43)

10-2004-0014144
2004 02 14

(21) 10-2003-0010031
(22) 2003 02 18

(30) 10236854.6 2002 08 07 (DE)

(71) 575

(72) 12555 27

12557 21

(74)

:

(54)

(削磨, ablation)

, 가

5

1 ,
2 ,
3 , 가
4 , 가

5	가
6	가
<	>
1:	2:
3:	4:
5:	5a:
6:	6a:
7:	8:
9:	/
10:	(exhause unit)
11:	(outlet)

(Organic light-emitting elements, OLED)

가 (defect electrons) (holes)) 가
가 (indium tin oxide) 가

, (matrix)
(pixel) (picture point)

가 6153254 2742192
() . . , , 가, 가

가
(overhanging)

가

EP 0 910 128 A2

가

/ (lift-off)

가

가

(削磨,ablation)

가 .
(withdrawn).

(Noach et al.)

(Applied Physics Letters), Vol. 69, N
3510, WO 99/03157, US 6,146,715

o. 24,1995, S.3650-3652

ometer)

1

(galv

al.)

(Noach et

(gap)

(削磨,ablation)

,

20ns

가

248 nm KrF

가

가

가

가

(gap)

(homogeniser)

1 (2) (5) (4) (5) (1) (4) (2) (2)

OLED

(2)(5)

3 4 , 가 OLED (2), (3), 가 (4) (1), (5)

9) (7) (5) (6) (6) (8) (5) (5) (beam homogeniser), (gap) 5 6 (

가 (further) (6a) (7) 20ns 248 nm KrF
t) 250nm AI , 500mJ/cm² 20ns 248nm (sho
0.9 , , , , , , , , , (10) (11)

가,

가

가

/

가 가

가,

가

가

(57)

1.

(削磨,ablation)

가

2.

1

20ns

가

3.

2

가

4.

2

248 nm KrF

5.

1

가

6.

5

7.

1

8.

가

가

가

9.

8

,

(gap)

10.

8

,

11.

8

,

(homogeniser)

12.

8

,

13.

8

,

14.

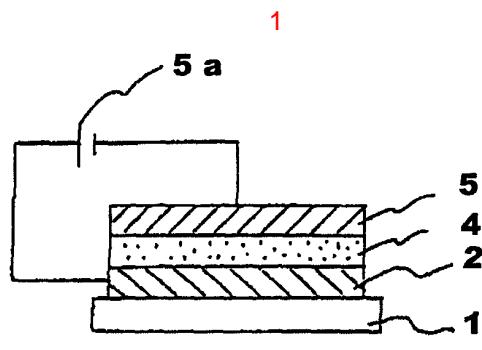
13

,

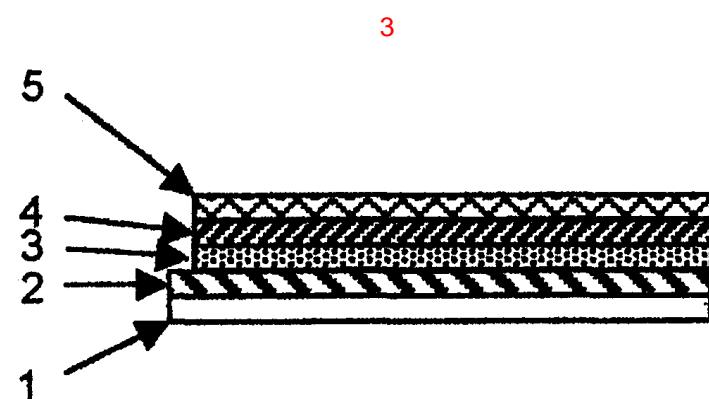
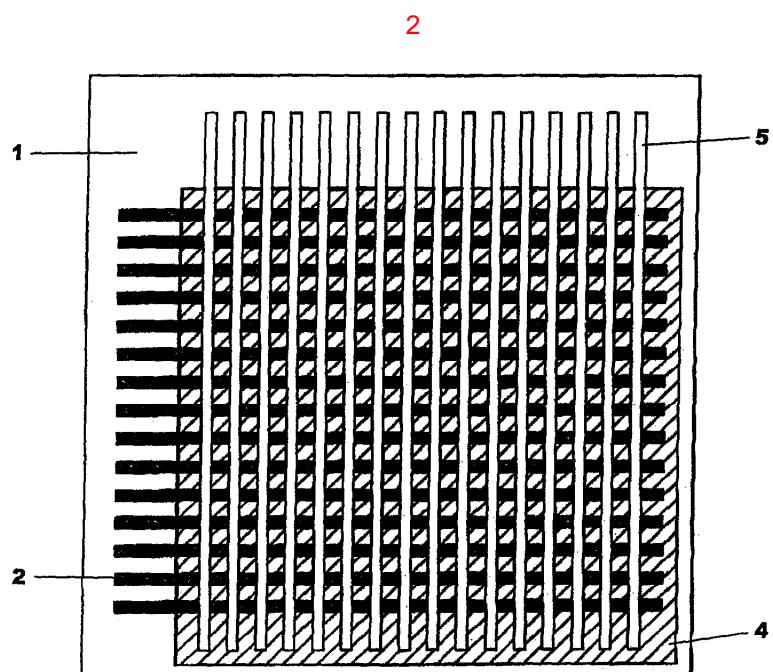
15.

1

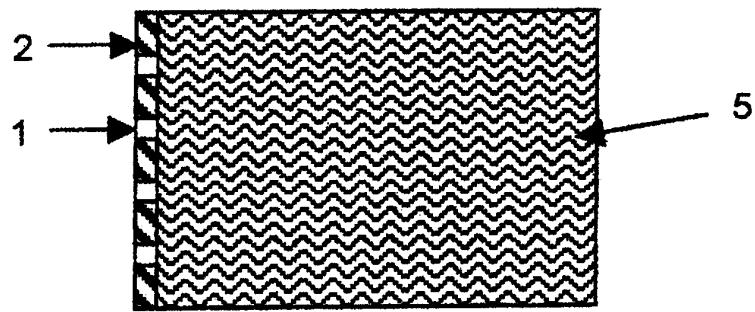
7



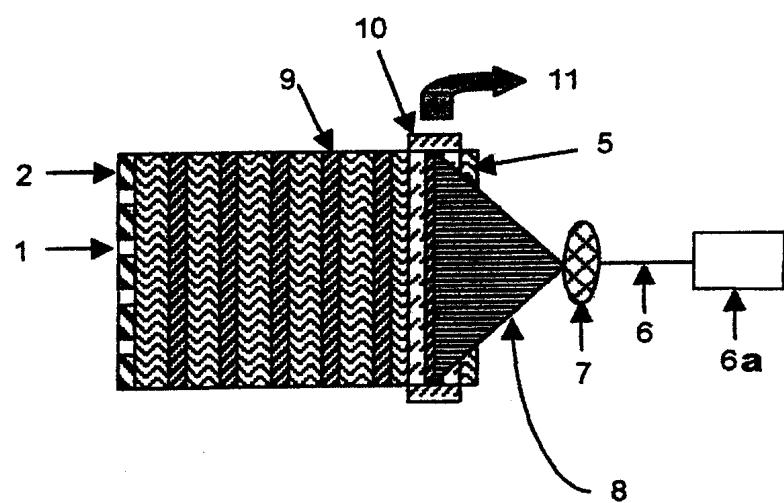
발광



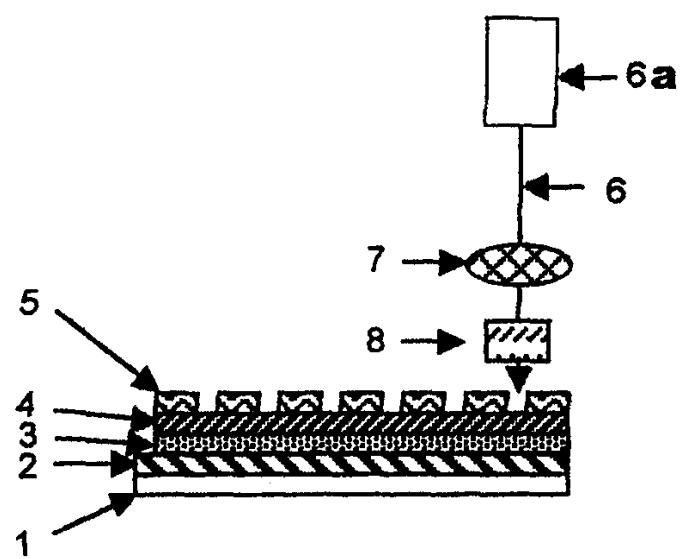
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6



专利名称(译)	一种用于构造有机发光显示器的阴极或阳极或阴极和阳极的方法和设备 ,		
公开(公告)号	KR1020040014144A	公开(公告)日	2004-02-14
申请号	KR1020030010031	申请日	2003-02-18
申请(专利权)人(译)	三星SD眼有限公司		
当前申请(专利权)人(译)	三星SD眼有限公司		
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发明人	훔즈베르너 수라더토마스		
IPC分类号	H05B33/10		
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优先权	10236854 2002-08-07 DE		
其他公开文献	KR100501557B1		
外部链接	Espacenet		

摘要(译)

本发明提供一种有机发光显示器修复方法 , 其使用方法和装置以及将有机发光显示器的阴极结构化为模式的方法或阳极或阴极和阳极及其装置的正确结构这样激光束的轮廓与可配置阴极或阳极结构的周期性部分重合 , 利用激光束烧蚀 (削磨 , 烧蚀) 均匀或阳极层或阴极层和阴极的阴极层在此之后 , 关于结构化有机发光显示器的阴极或阳极或阴极和阳极的方法的层。

