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H05B 33/02

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(11)
(24)

2004 05 22
10-0432344
2004 05 10

(21) 10-2001-0017853
(22) 2001 04 04

(65)
(43)

10-2002-0077773
2002 10 14

(73) - IV, 1 15

(72) - 242 59

(74)
:

(54)

가

가

3f

1
2A 2D
3A 3E
3F 3A 3E

3

(diagram)

가 (OLED) 가 가
 , (carrier) , 가 가
 , ECM (electric charge movable model) , 가
 , (ITO)
 가 , (shiftab
 le)
 1 (110) 가 (110) 1 (100)
 (124), (126) (128) (120)가 (120) (122),
 (130)
 2A 2D (ITO) (200) (210)
 2A , (212) 가
 , (212) (212) (210)
 2C 가 (220) (210) (220)
 (222), (224), (226) (228) , (212)
 2D (220) 가 (2)
 30) (230) (210)
 , 가
 , (cross talk interference problem)

가

가

가

가

가

3A (300) (300) (300) (304)

2) (300) (302) (engraving) (304)

(carving), (dry-wet etching) (304)

(304)

3B 가 (310) (304) (304)

(300) (304) (3A 304) (304)

(310) 1500 ~2500 (304)

3C (326) (326) (cathode spots) (310) (326) (32)

6) ~650 가 (, ,) (312) (326) 550

(320) 가 가 (320) (322),

(324) (328) (324) (320) (304)

(322), (324) (304) (328) (310) 250 ~350 (326),

3D (304) (300) (310), (320) (304) (326),

(322), (324) (328) (304)

3E 가 (304) (300)

3F 3A 3E 3 (304) (304)

(304) (304) (300) (304)

(330) (320)가 (330) (320) (310)

(326), (322), (324) (328) (320)

(330) (304) (326) (310)

1. 가
2. 가
3. 가

(57)

1.

; ; ; 가 ;

2.

1 ,

3.

1 ,

(carving)

4.

5.

1 ,

6.

1 ,

7.

6 ,

300 ~700

8.

1 ,

9.

8 ,

300 ~700

10.

1 ,

450 ~950

11.

1 ,

12.

1 ,

- - (ITO)

13.

1 ,

1500 ~2500

14.

1 ,

15.

가

16.

17.

15

18.

17

300 ~700

19.

15

20.

19

300 ~700

21.

15

450 ~950

22.

15

1500 ~2500

23.

15

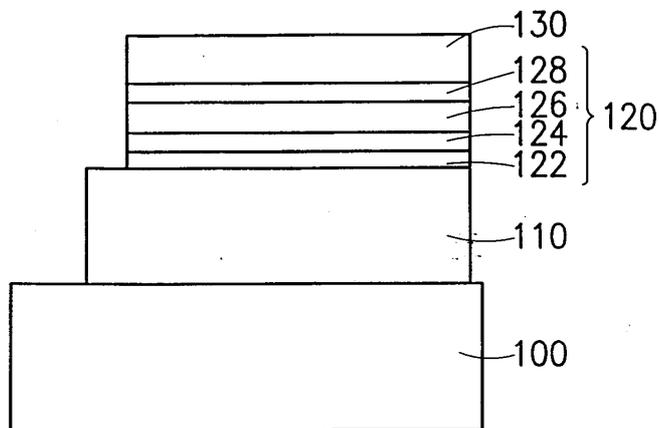
24.

15

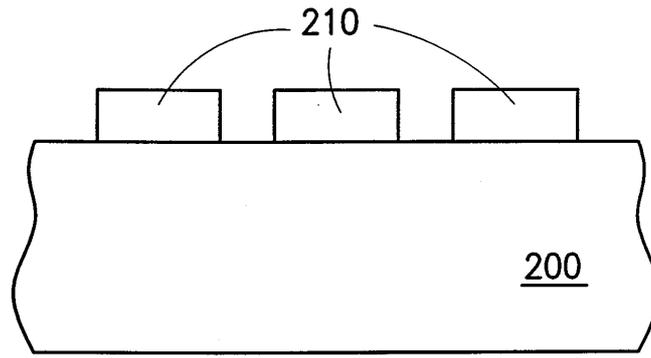
(ITO)

1

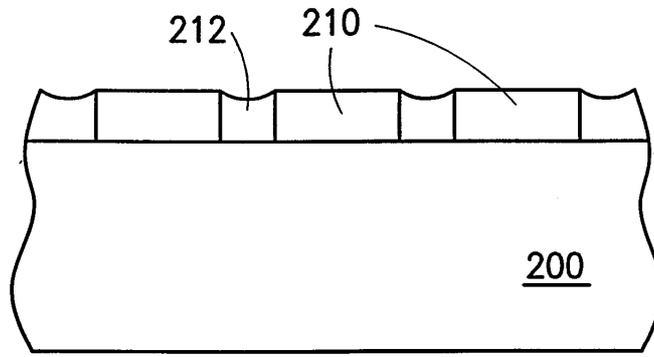
(종래기술)



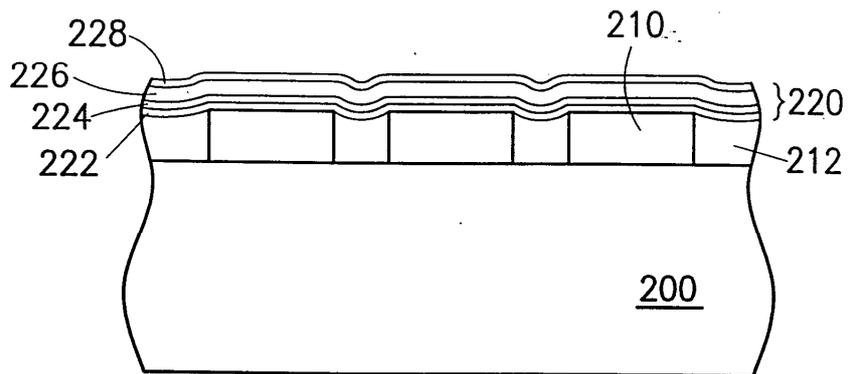
2a
(종래기술)



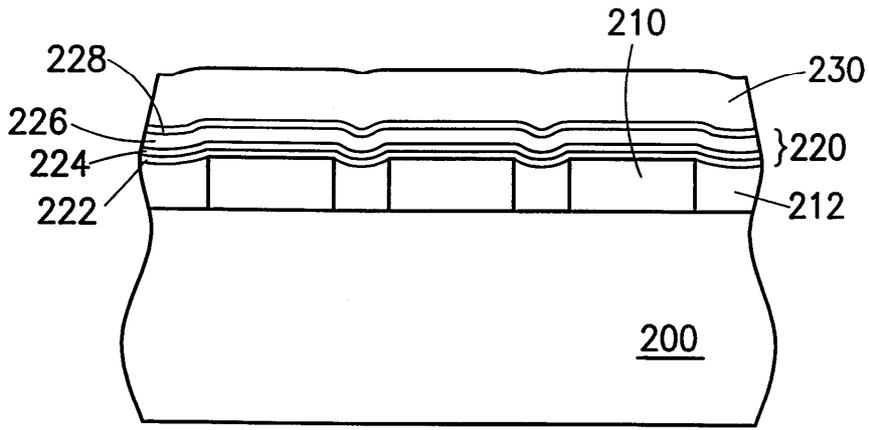
2b
(종래기술)



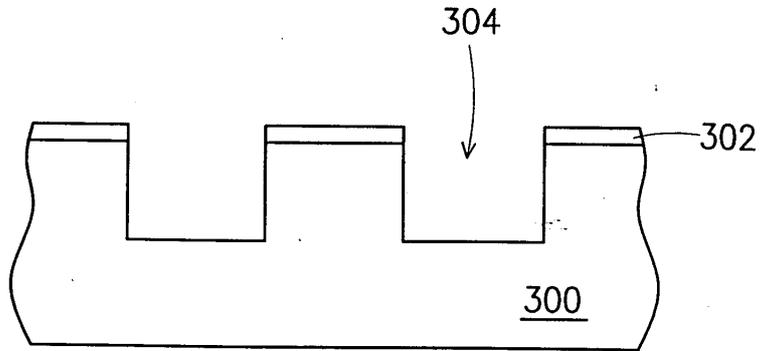
2c
(종래기술)



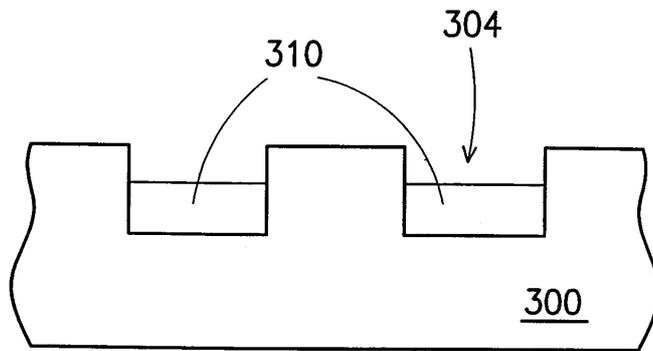
2d
(종래기술)



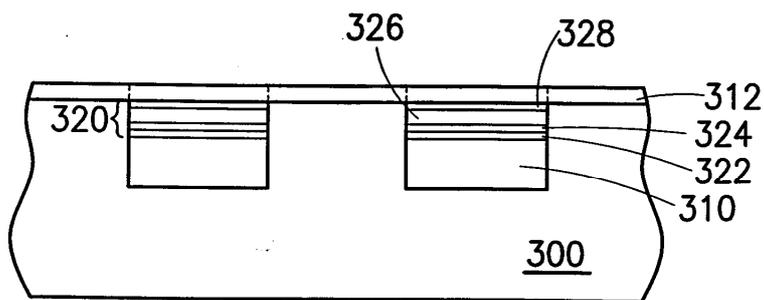
3a



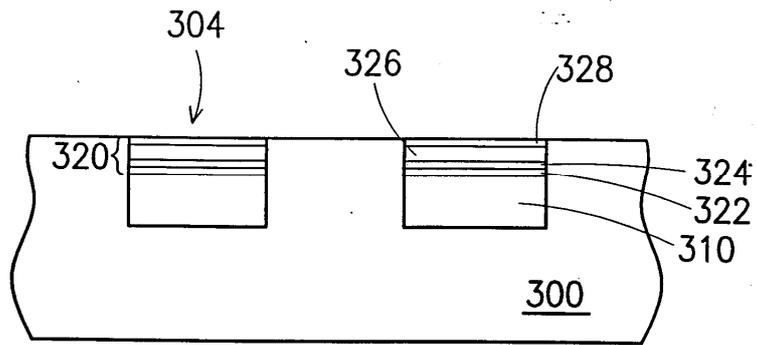
3b



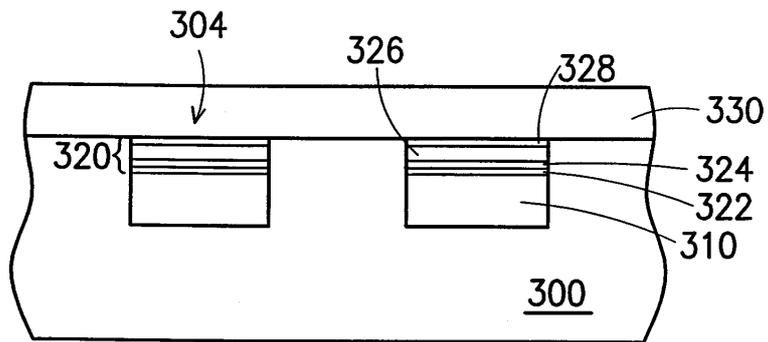
3c



3d



3e



3f

