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(51) 。 Int. Cl. ⁷
G02F 1/136

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2002 - 0032087
2002 05 03

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10 - 2000 - 0062977
2000 10 25

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215 504

3 1407 - 77

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1 , 2 ;

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1 ,

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1

2 1 - '

3a 3c

4

5 4 - '

6 4 - '

7a 7c

*

1, 21 : 2, 22 :

1a, 21a: 2a, 22a :

2b, 22b : 3, 23 :

4, 24 : 5 :

6, 28 : 7, 30 :

8, 29 : 9, 31 :

10, 20 : 1 11, 40 : 2

12, 41 : 25 :

26 : 27 :

,

.

, (dye method), (pigment dispersion method), (electrodeposition
method), (print method) .

가

(析出)

R. G. B

(TFT)

가

(LCD)

1

1 (1) (2) (1)
(2) (1) (2) (3 : thin film transistor)가

(3) (1) (1a), (1a)
(2a), (2b) (1a) (2a) (2) (1)
(2)

2 1 - ' 1 (10) 2 (11) (12)
1 (10) (4) (4) (5)
(2) (2) (6) (8)
(7) (6) (8)
(8) (7) (8)
(9)

3a 3c

3a (7) (7) 1 (1
0) (align)

3b (8) 3c 가 R, G, B
(8) (9)

(align)

(mis - align)

가 .

가 .

가 (color filter on TFT :COT)가

transistor)가

5 4 - ' .

5 1 (20) (21

a), (21a) (24), (24) (25),

(26), (26) (22a) (22b)

, (21a) (22a) (22)

, (24) (21a) 1 (20) .

(23) (27) (22b) (27)

(22b) (28)

. (28) (29 : color filter layer) ,

(23), (22) (30)

가 .

6 4 - ' .

6, 1 (20), 2 (40), (41), 1 (2
0) (22), (24), (22), (24), (27)
, (28)
(28), (29), (30)
(29), (30), (29)
(31)

7a 7c
1 (20), (22), (27), (28) T
FT 7a R, G, B (29)
R, G, B (29)
가 1 (21a) (28) 가 1 (28) 1
, 2 3
, (28) (29)
7b (29) (align)
(30)
7c (29) (30) (29)
(31)
(30)
, LCD, / LCD 가
, 가

(57)

1.

1, 2

1

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2.

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3.

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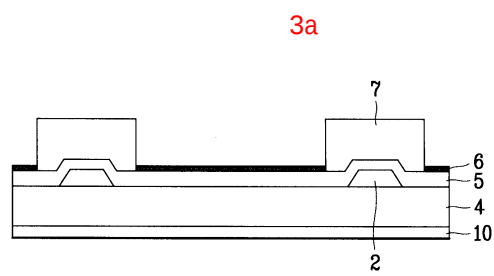
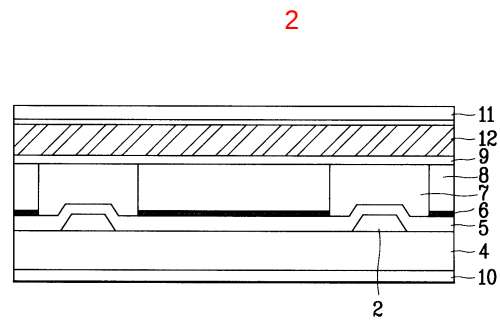
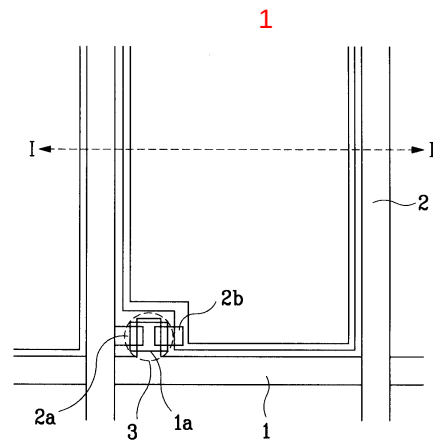
4.

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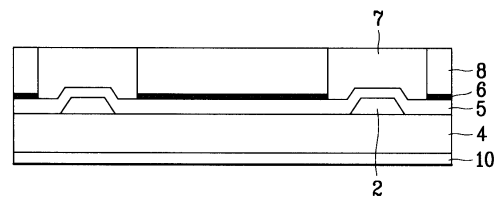
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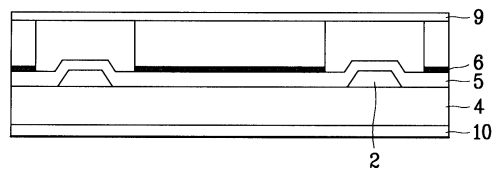
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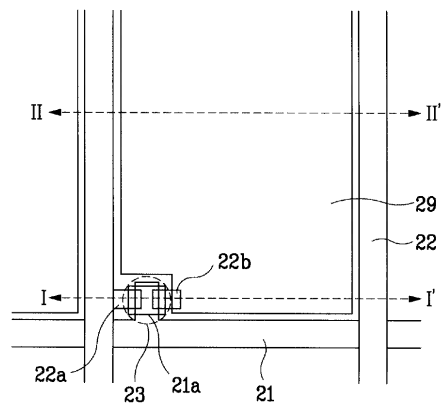
3b



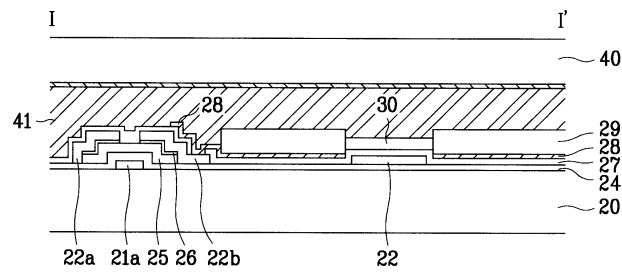
3c



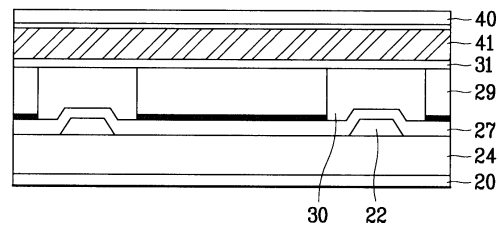
4



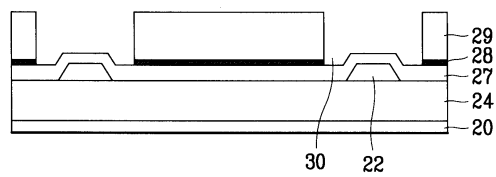
5



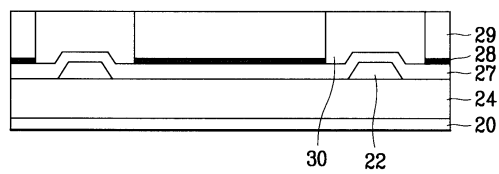
6



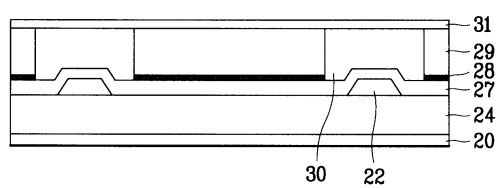
7a



7b



7c



专利名称(译)	液晶显示面板的制造方法		
公开(公告)号	KR1020020032087A	公开(公告)日	2002-05-03
申请号	KR1020000062977	申请日	2000-10-25
[标]申请(专利权)人(译)	乐金显示有限公司		
申请(专利权)人(译)	LG显示器有限公司		
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IPC分类号	G02F1/136		
代理人(译)	金勇 新昌		
其他公开文献	KR100710144B1		
外部链接	Espacenet		

摘要(译)

目的：提供一种制造液晶显示板的方法，通过最少数量的制造步骤制造液晶显示板，并在其上形成薄膜晶体管阵列的基板上形成滤色器。

