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2004 06 26

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(22) 2002 12 21

(71) 416

(72) 302 2001

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(54)

가 . TFT
,
1 가 2 가 1 ,

1 가 , 2

1

2

가

1

1

1

1

2 1 TFT

3 1

4 1

5 4 가 .
 < >
 100 : TFT 120 : 1 TFT
 130 : 2 TFT 150 :
 160 : 200 :
 231 : 1 232 : 2
 300 : 400 :

2 , 1 가
 , 1 2
 TFT , TFT TFT
 TFT
 , ,
 , 가 ,
 ,

1 ; 2 ; 1 , 2 .

, TFT 1 2

1 3 1 , 2 1 TFT

1 3 (200) TFT (100) TFT (100), TFT (100) (400) (200) (300)

TFT (100) 1 (110) 가 (DL) 1 2

(GL) (DL) (DL) (GL) 1 TFT(120) 1 TFT(120) (GL)

2 TFT(130) (GL) 1 TFT(120) 1 TFT(120) (150)

2 TFT(130) (160)

) , 1 TFT(120) 1 (123) (DL) , 1 (121)

T(130) 2 (GL) (133) , 1 (125) (150) , 2 TF

(GL) , 2 (135) (125) (160)

(135) (150) 1 (125) (160) 2

(160) , 1 TFT(120) (150) 2 TFT(130)

1 (141) , 2 (140) (140) 1 (125)

(160) (150) 2 (143) (141) 2 (135) (143)

(160) (150) 2 (143) (141) 2 (135) (125)

(160) (150) (160) 2 TFT(130)

(150) 1 , 2

, (200) 2 (210) R(Red), G(Gre

en), B(Blue) (220) (220)

(230)

3 (Ea1) , (230) (150) 1 (231) 1

(Ea1) 1 (160) 2 (232) 2 (Ea1)

, 1 (Ea1) 2 (Ea2) (Ea2) (Is)

1 2 (Ea1) 가 1 가 , 2 (Ea2) 1

2 가

1 3 , TFT (100) 가 1 2 TFT(120, 130)

(150) (160) 가 , 1 1 가

1 2 가 . , 1 2 TFT(120, 130)

DC가

(+) (-) (+) (-)

(-) 가 (400) (+)

(400) .

가 , 2 (232) 1 (231) 1

가 . , 1 1 (+) 2 (-)

(-) , 2 (+)

TFT (100) (200) (300)

1 3 TFT (100) (150) (160)

가 (200) 가

4 1 , 5 4 가

4 5 , 1 m (DLm), 1

2 n (GLn)

m-1 m (DLm-1, DLm) n-1 n (GLn-1, GLn)

DLm) 1 TFT(120)가 1 TFT(120) 1 (123) m (125) (

(150) , 1 (121) n (GLn) , 1 (125)

(150) () 1 1 ()

n-1 (GLn-1) (Clc1) , (150) ()

(Cst1) 1 (Clc1) 1

m-1 m (DLm-1, DLm) n-1 n (GLn-1, GLn)

(125) 2 TFT(130)가 2 TFT(130) (133) 1 (135)

(160) , 2 (131) n (GLn) , 2 (135)

(160) 2 ()

2 (GLn-1) (Clc2) , (160) 2 ()

2) 2 (Clc2) 2 n-1 (Cst

Lm) 1 TFT(120) n (GLn) 가 , m (D

120) 가 (125) 1 (125) 1 TFT(

1 가 (125) (150) 1 (150) 2 TFT(130) 2 (133)

가 . , (150) 1 가 , 2 (133)

2 가 .

, 2 TFT(130) 2 (135)
(135) 2 2 TFT(130) 2 (160) 가 .

60) m (DLm) (150) (1
) 가 가 2 TFT(130) (160) (160)

, TFT

1

2

가

, 1 2 가

(57)

1.

1 ;

2 ;

1 2

2.

1 , 1

3.

1 , ,

1 1 ;

2 2

4.

3 , ,

1 ;

1

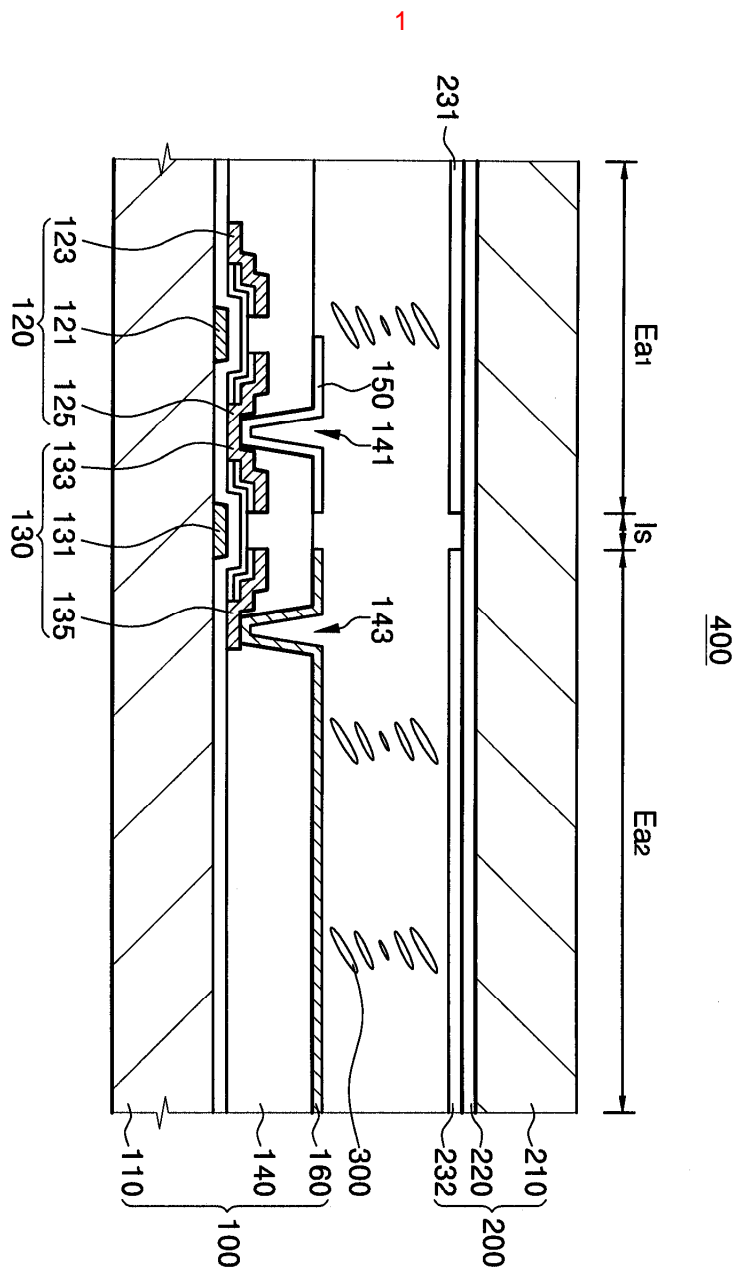
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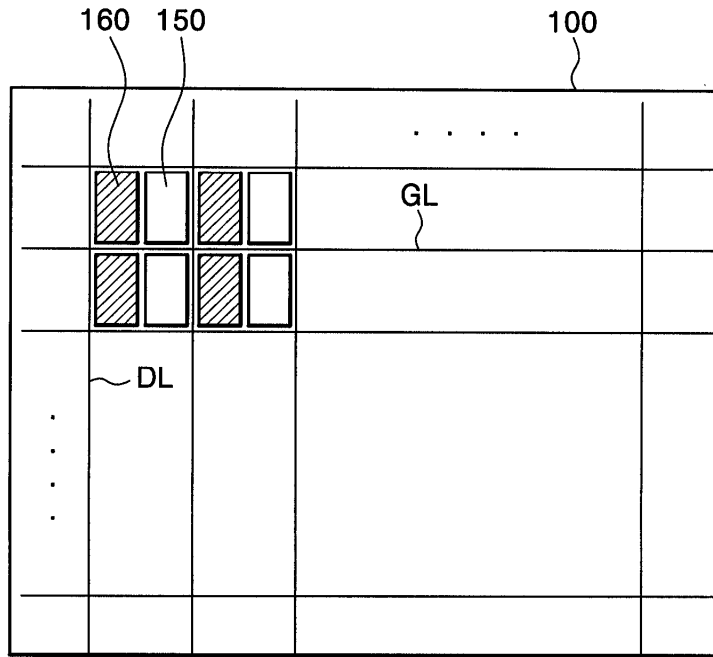
4 2 , 가 1

1 가 , 2

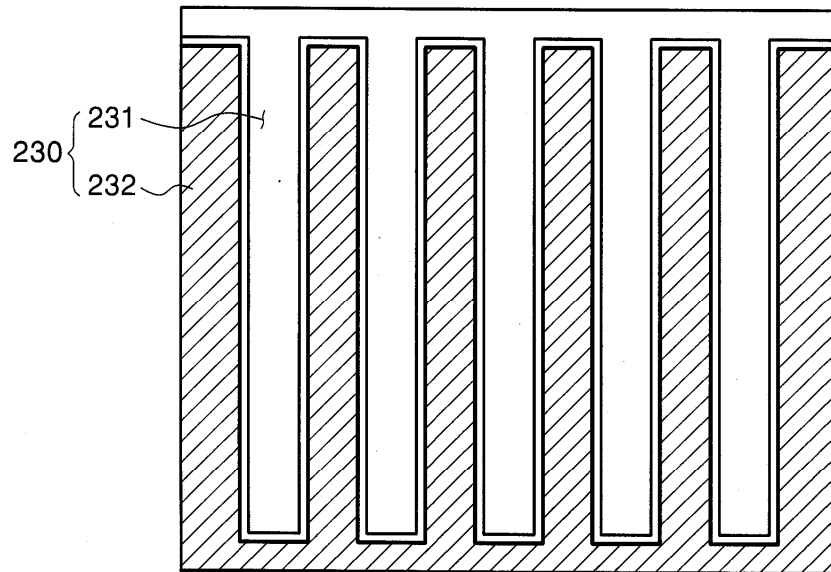
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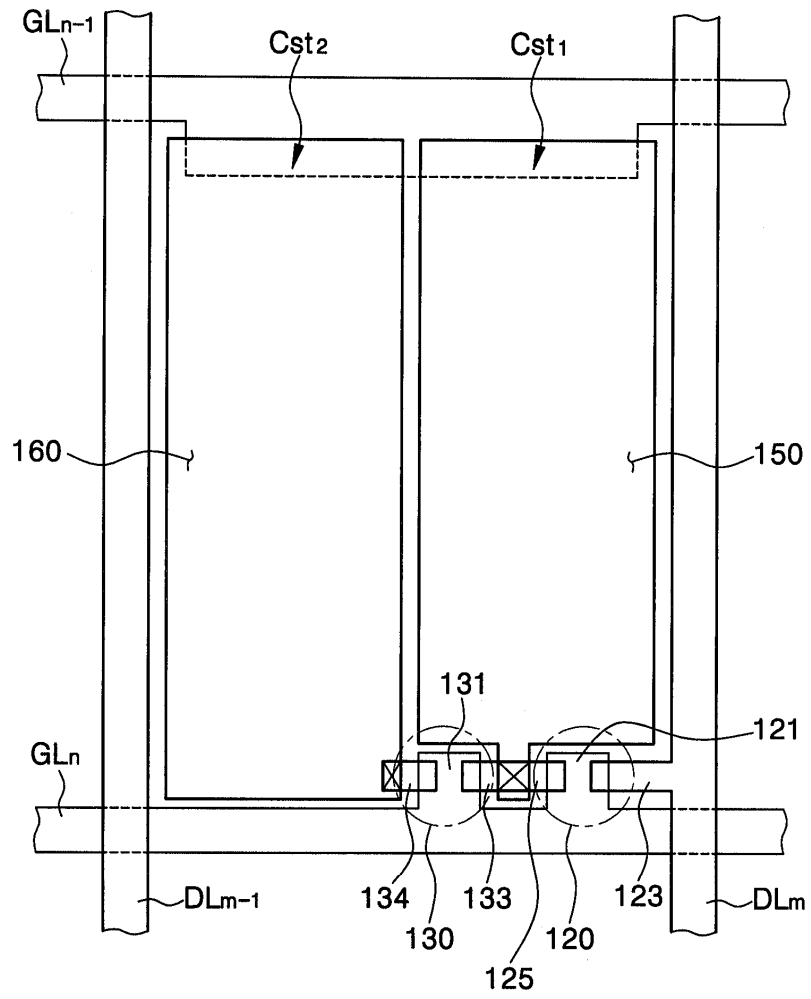
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