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(43)10-2002-0022000
2002 03 23

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(1) (7) (2)

(1) (1) (3) (5) (4)

(1) (3) (1) (4) (5)

(Benzothiazole) (Triphenylamine)

(4) x 2 (5) 2 (5)

() 2 (5) 1 (5) (7)

1 (3) 2 (5) 가 (4)

(4) 1 (3) 2 (5)

2 (4) 가 1 (3)

4) 2 (5) (35) (4) (31)가 (31) 2 (4) (35)

가 ITO(Indium-Tim-Oxide)

1 (3) 2 (5) ()

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(1) (2) y

x (9) (9) 1 (3)

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3 가 OFF (12a) () (11) 2

(11) (12a) (12b) (12b)

(1/4) (10) (12b) (12c) (7)

(12c) (7) (4) 1 (3) (12d) (12b)

(12d) 1 (3) (4) (7) (12c)

(7) (12e) (12e) (12c)

(12e) (10) (12f) (12f)

(12g) 가 ON (7) ()

(13a) (7) 가 OFF

(14c) (7) (4) 1

(4) (7) (14e) 가 (13f) (11)

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(4) 가

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4 1 (30) (31) (31) (2) 1 (30)

(30) y x (9)

(30) x (30r) (30g) (30b)

(3)

5 (4) (4r) (4g) (4b)

x (4g) (8- (4b) 4, 4'- (2,2) [Tris(8-quinolinolate) alminium] (Diphenylvinyl)) (Biphenyl)[4-4'- (4r) (4g) 4-((2,2-diphenylvinyl)biphenyl])-2- -6-(p-)-4H- [4-(Dicyanomethylene)-2methyl-6(p-dimethyla minostyryl)-4H-pyran] (2) (30) (30)가

가

(57)

1.

2.

3.

가 x y

1 , 1 , x y 2 , ,

2 y x y

4.

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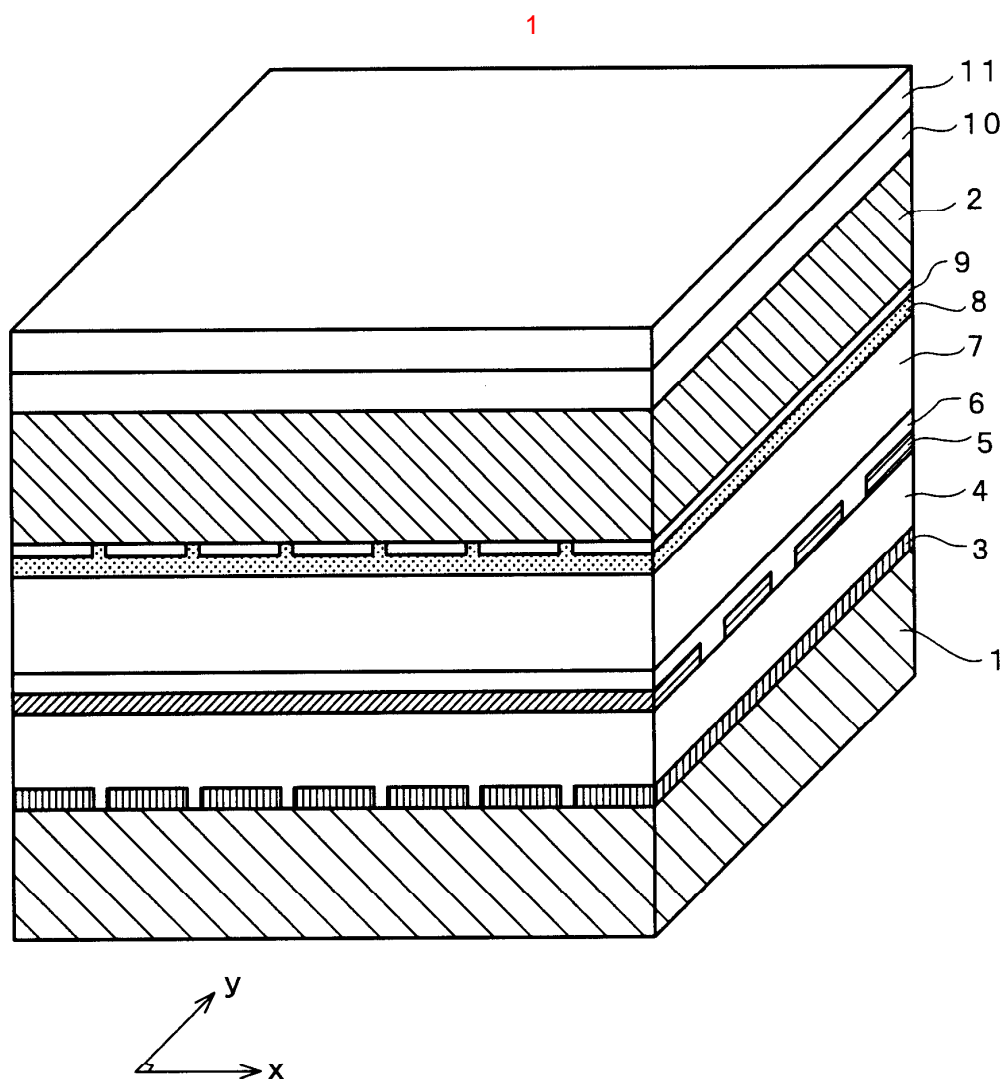
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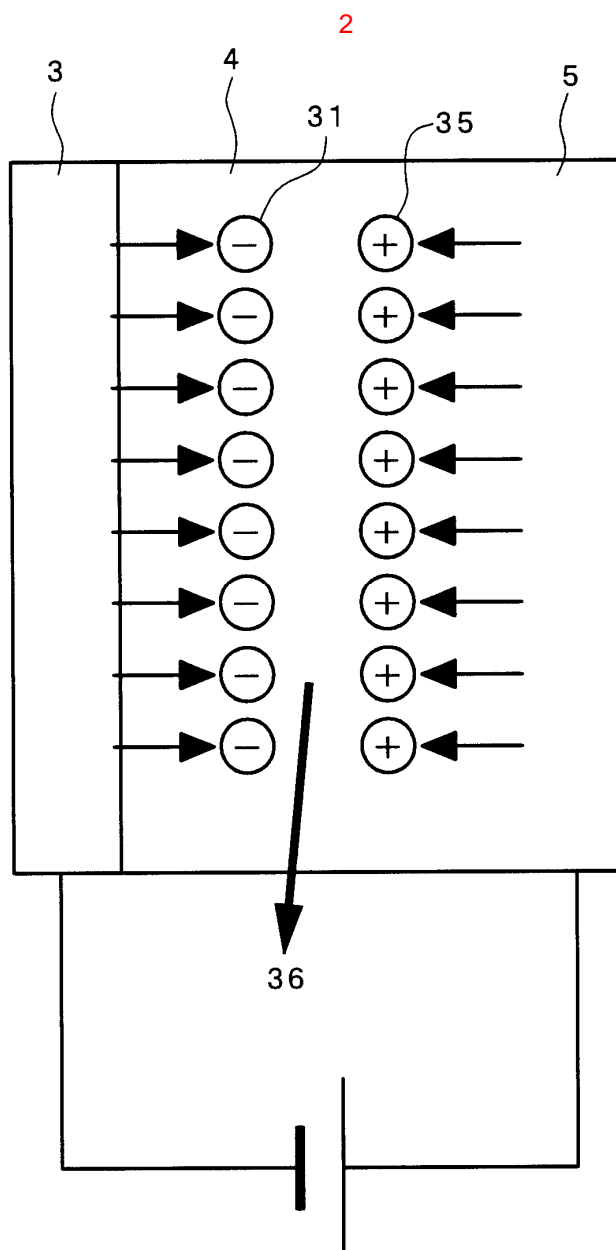
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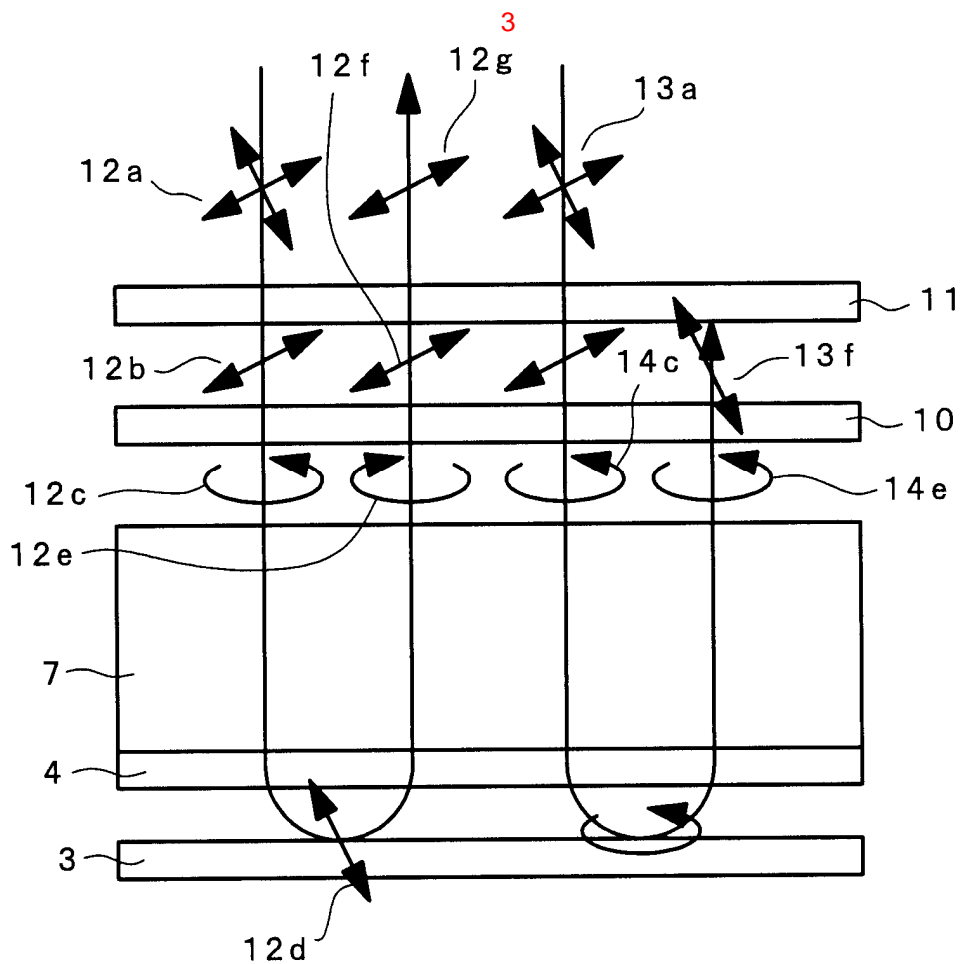
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전극 OFF의 경우 전극 ON의 경우

