

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

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2004 09 20
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(30) 02076111.0 2002 03 21 EP(EP)

(71)

(72) , 5656 6

(74)

(54)

6a

1 (cell), 2 ,
AC (PDPs)

PDP
()

- ()

- ()

- ()

가 가 , (,)

PDP

1

가

1 2

PPD

가

가

가

가 가

,

가

가

(barrier ribs) 1 2 }.

, (stack)

()

가

1 PDP

2 PDP

3 PDP

4

5a 5b

6a 6b

7a 7b

8a 8b

9a 9b

10a 10b

11a 11b

가

1 2

$$1) \quad (\quad) \quad (3) \quad . \quad (1), \quad (2) \quad , \quad (2) \quad) \quad ($$

가	가	(1)	(2)	.	.	(4)	.	.
d)	(1b)	(1c)	(1a)	.	.	(1)	.	.
.	가	(AR1)	.	(1d)	.	(1b)	(1c)	가
.	(2c)	.	(2a)	.	(2)	(1d)	(2a)	,
.	.	(2d/2e)	.	(2b)	.	(2b)	(2c)	,
.	.	.	.	.	(2c)	,	(2b)	.
.	.	.	.	.	(2b)	,	(1b)	(1b)
.	.	.	.	(2g)	.	(2b)	.	(2f)
.	.	.	.	.	.	(2b)	.	(2f)
.	.	.	.	.	.	(1b)	.	가
.	.	.	.	.	.	.	(2f, 1c)	.
,	(wall charges)	.	.	.	.	.	.	가

(21)	(Tf)	가	(Wf)	(Sf)
(25)	가	(Wf)	(Sp)	,

, (24) (Pi) (C) 가 (Wf)
 , (Su) PDP (priming) (di) 가 (Wf)
 IC (C) 가 (D) IC (Sc)
 1. C) 가 (C) (C)
 2. (C) (C) 가 / 가
 (C) 9 9 (Co) 가
 가
 3. 가 (Sc, Su) 가
 (C) 가
 3 PDP Te, bx(-x (Su)), Tp, bx(-x SF1, SF2
 bx(-x SF1 SF6) 가 4/16/32/8/2/1 Ts,
 Tf 6 가
 4 (Pa) (C) j k 1 4 1
 (Sci) (Sui) (Di)
 5a 5b 5a 5a 1 (2b, 2c) (1b)
 5b 5a (4)
 6a 6b
 (2a) 2a- (2c, 2b), (2d, 2e), (2f), (51), (2g), () 6a (4).
 (51) (4) (2b, 2c) (2b, 2c) (2b, 2c) (51) 6a (51) ()
 2b, 2c () (6b), (Cpar) 6b X Y
 , , (51) (2b, 2c) (2b, 2c) 가
 가
 6b (51) (51) (4) (4)(6b) (51)
 ,
 2 DSF PDP (DSF)
 DSF (C) (C) (di) (C) 가
 , , (Cpar)
 ,

PDP , , , DSF

,
(Cpar),
,

7a 7b . . . 7a
, 7b . . .
(2a) , (2a) - (72) - (71), (2c, 2b), (2d, 2e), (2f), (2g), () (4).
: (71) (71) (4) (4) (4) (2b,
, (71) , (72) (72) . (Cpar) (72)
c) (2b, 2c) (2b, 2c) 7a). (72) (72) ()
) (2b, 2c)
(voltage smoothing effect) . . .
가 . . .

$$\begin{array}{ccccccccc}
 9a & 9b & & & & & & . & (91) \\
 2d) & & (2b, 2c) & () . & (91) & & & . & (2e) \\
 (91) & & & & & & , & (2b, 2d) & ,
 \end{array}$$

10a 10b (91) (101) () 9a 6a 가

11a 11b . 11a
, 11b , . 8a 8b
, , 가 . 가 (91, 101)
, 25-40% 가 . (91, 101)
(91) (11b). (91, 101)

(Cpar) , 가), 4 1/4 , 2 (1/2 가

가

1 가 2 가 (ce)
||) ,

(57)

1.

가 2 (1a)
 (51; 72, 91, 101) (2b, 2c)
 a) , (51; 72, 91, 101) (2b, 2c) 1(2a) 2 (Cpar)
 , (51; 72, 91, 101) (2b, 2c)
 c) (4) (Cpar) ,

2.

1 , (51; 72, 91, 101) 1 (2a)

3.

$$2, \quad (72), \quad (71), \quad (2b, 2c), \quad (2b, 2c), \quad (2b, 2c), \quad (72), \quad (72),$$

4.

$$2 \quad , \quad (2f) \quad , \quad (2b, 2c)$$

$$(51) \quad ,$$

5.

¹ , (91, 101)

6.

1 (91) , (91) , (91) , (91) 가 , (91) 가 ,

7.

1 , (51; 72; 91, 101) 2

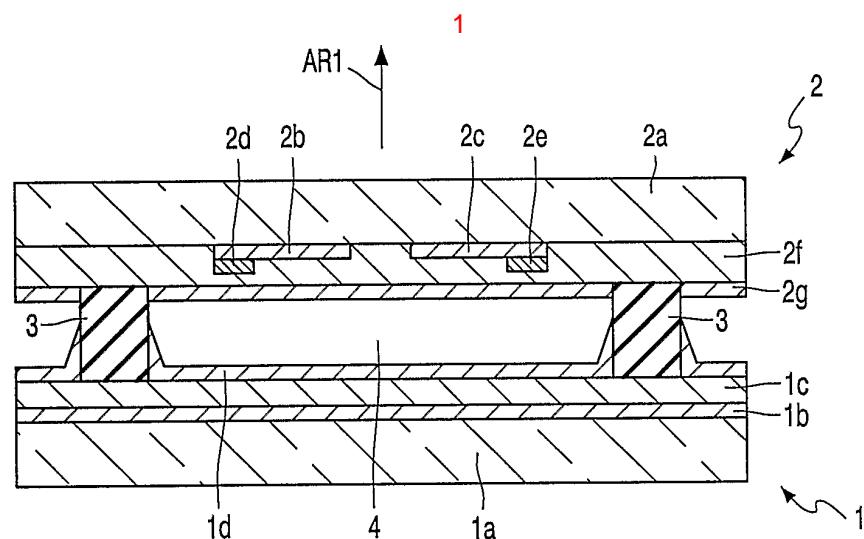
8.

1 , (di)

9.

1 (Pi) ; (Pi) (di)

(Pi)



1

2

1

2

