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(51) 。 Int. Cl. ⁶
H01L 27/092
H01L 27/08

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(54)

CMOS
PMOS

, CMOS

NMOS

,

MOS

C

2d

CMOS,

, LDD

1(a) 1(c) CMOS

2(a) 2(d) CMOS

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101 201 : 102 202 :

103 203 : 104 204 :

105 206 : 106 :

107 : 108 :

109 : 205 : 1

207 : 208 :

209 : 210 :

211 : 2

NMOS CMOS PMOS CMOS

CMOS

1(a) 1(c) CMOS

02) 1(a) p n (101) NMOS (103) NMOS (104) n (104) p (104) n (1)

1(b) (105) (108) (106), (107) (108)

1(c) (108), (107), (106) (104)
(104) (107) (109)

CMOS

CMOS

()

가

NMOS

PMOS

가

가

n

p

CMOS

LDD

CMOS

(

(semi demascene)

)

CMOS

NMOS

PMOS

가

NMOS

가

PMOS

가

가

가

2(a) 2(d) CMOS

2(a) (201) (2) (202) NMOS (204) 1 (205) PMOS 가 1 (205) (203), (204) (204) . 2 (204) n , PMOS (204) p

2(b) (206) (207) (209) (205) 1 (205) 가 (209) (WN)(208) 1

2(c) (209) 가 (209) (210) (205) CMP

2(d) 1 (205) (209) (210) (207) (204) (203) (204) (201) 2 (211) CMOS

CMOS

NMOS

PMOS

가

(57)

1.

NMOS

PMOS

가

NMOS

PMOS

가

가

가

가

CMOS

2.

1

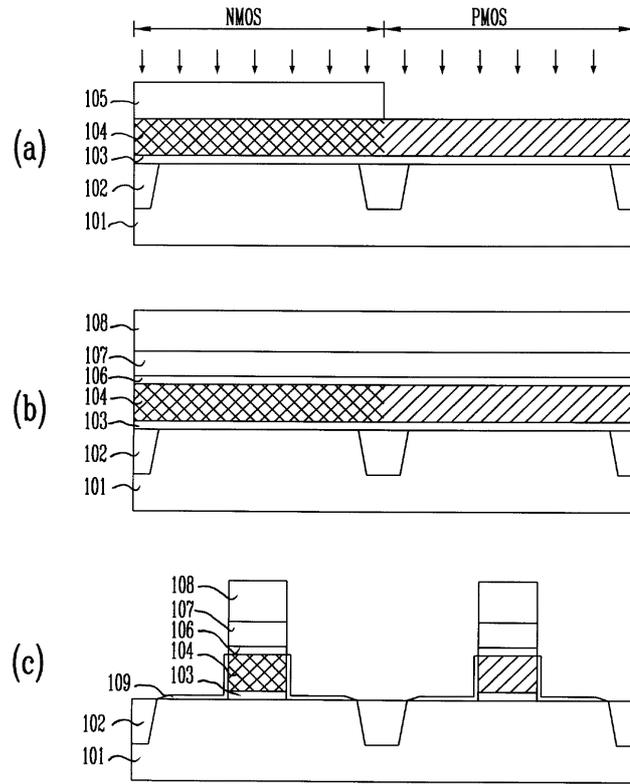
CMOS

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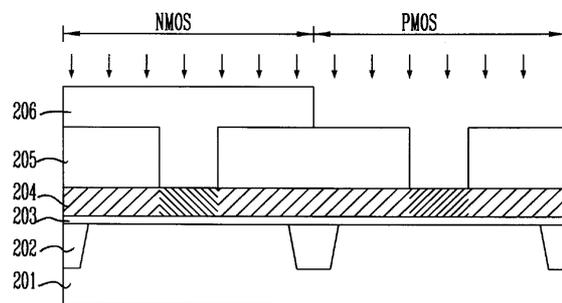
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CMOS

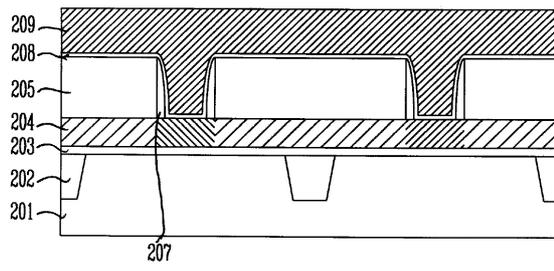
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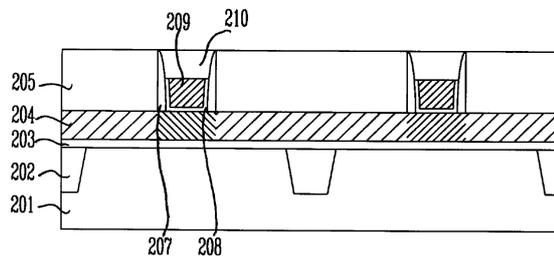
2a



2b



2c



2d

