

(19) (KR)  
(12) (B1)

(51) 。 Int. Cl. 7  
H01L 21/60

(45) 2003 04 10  
(11) 10 - 0379561  
(24) 2003 03 27

(21) 10 - 1999 - 0067456  
(22) 1999 12 30

(65) 2001 - 0059918  
(43) 2001 07 06

(73) 957

(72) 221 - 82302  
가 335 - 13

(74)  
:

(54)

(20) (21) (10)  
(30) (141) (20) (141)가  
(stencil)(140) , (141) (21)  
가 . (21)  
, 가 (140) (30) (120)  
(141)가 (140) ; (141) ( )  
150) (120) (121)

(150) ; 가 (30) (150)가

4

, ,

1

2a 2c

1 -

3 가

4

5

6a 6c

4 -

130. 140.

141. 150.

, .

가

(packaging)

가

(flip - chip)

가

(30) 2a (10) 3 (11) (20)

2a (20) (41)가 (stencil)(40)

(41) (20) ( )  
(21)가 (20) (40)  
(21) (41)가

2b (40) (50) (21)가  
(50)

2c (40) (20) (21) (50)가  
(40) (41)

가 (50)  
(30)

(11) (20) (20) (10) 3 (10)  
(30)

(10) (11) (30) 가 (30)  
(50) (30)

가 가

(21) (30)가 (20) (21) (P)

가 (stencil) ,

가 ; 가

가 ; 가

, 4 .

4

, (130) (140) (141) (150) (20)  
(21) (21)

, (140) (141) (20) (21)  
(20)

, (140) (141)  
가

5 6c (140) (20) (130)

, 5 6a (20) (141)가 (140)

, (141) (20) (21) (20)  
(150) 가

(141) 6b (140) (141) (150)

(150)가 6c (140) (141) 가 (150)  
(130)

, (20) (21) (150)가 (21)  
(21) 가 (150) (21)

, (10) (130) (H) (30) (h)  
가 .

, (140) (20) (130)

, 가 .

, 가 .

, 가

(57)

1.

가 (stencil) ,

2.

1 ,

3.

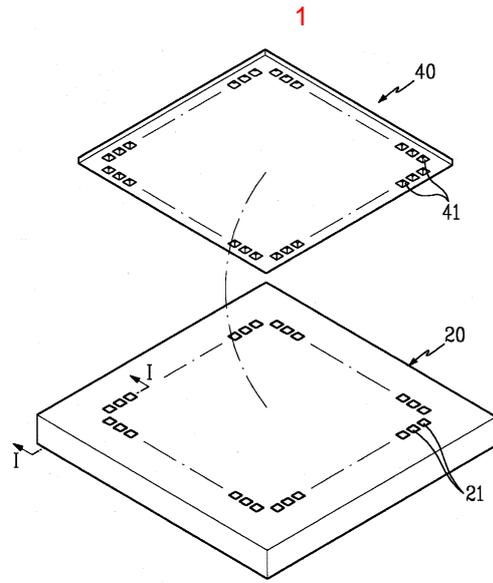
가 ;

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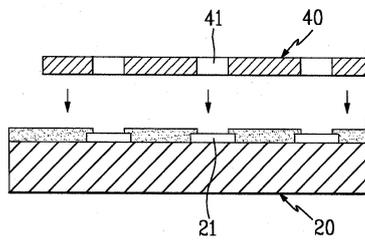
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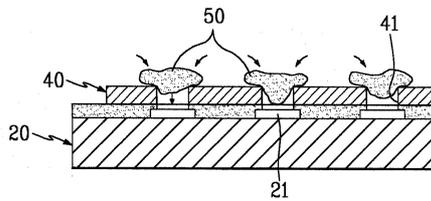
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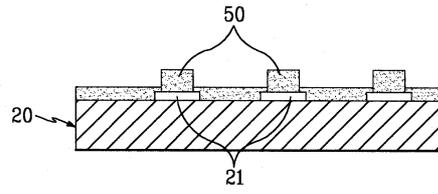
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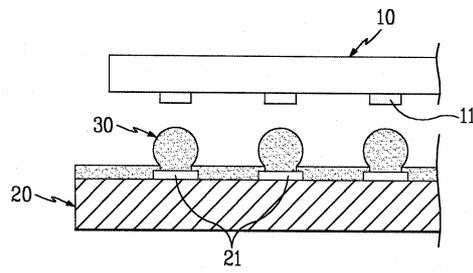
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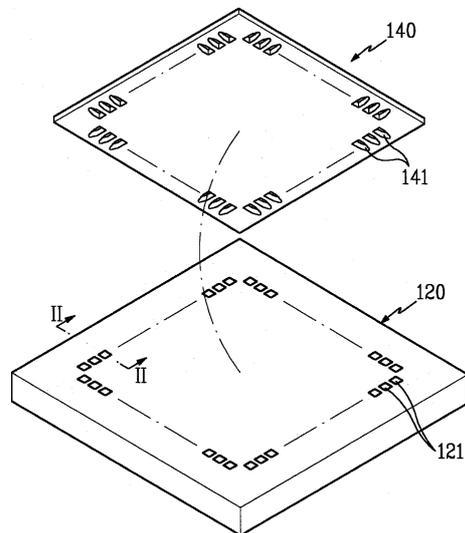
2c



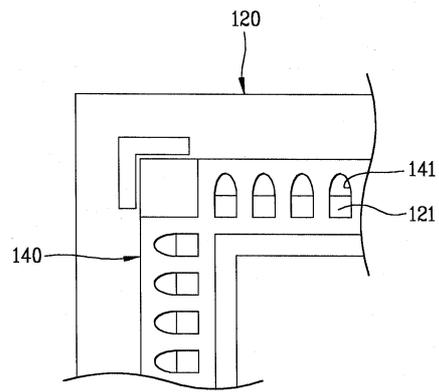
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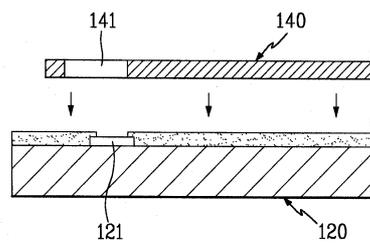
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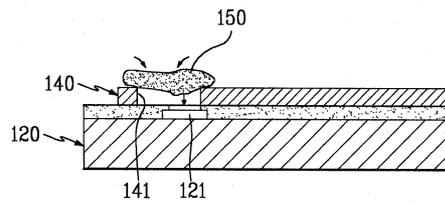
5



6a



6b



6c

