

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

(51) 。 Int. Cl. <sup>6</sup> (45) 2002 02 19  
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(24) 2001 11 12

(21) 10 - 1994 - 0017087 (65) 1995 - 0002729  
(22) 1994 07 15 (43) 1995 02 16

(30) 93 - 175258 1993 07 15 (JP)

(73) 가 가  
가 182

(72) 가  
가 18 - 60  
가 883 - 1

(74)  
:

(54)

(10) (11) , (12) , (10), (11),  
(12) (10)  
가 .

2 1 X - X .

3 .

4 3 , 가 .

5 .

6 5 .

7 5 6 .

8 .

9 (A) (B) .

( )

1 ; (1 )

2 ; 3 ;

4 ; 10 ;

10A ; 11 ;

12 ; 16 ;

63, 64 ; 70 ;

1 , .

, 가 51 - 10354

5 .

, 가 , 가 .

57 - 82504

3,587,579

가

(1) (2) :

(1) 가

가 가 가 가

가 3 가

(2) :

(a) 가 ;

(b) ;

(c) ;

(d) .

가 가 가

가

가 3 가 ,

( )

1 (2) 1 (1) (1)

, (3), (4) , (3, 4) (2) , (7)가

(5, 6)가 ,

2 1 X - X , (3, 4) , (11)

3 (1) (2) , (11)

2 3 (2) (10),

(10) (11) , (10) (11) (10)

(12) (11) , (10) (10A) (10B) 2

, 2 (10)

(12) ,

(13) (13) 가 (14) 3 가

(13) , 1 (14) 1 (15)

(10) (10A) , (16) (13, 14)

, (15) , (17)

, (15)

(12) (11) (10A, 10B)

2 , 2 - (10)

(11) (10) (12)

(15) , (3) (10)

(13, 14) (10) 가 ,

(12)

(12) (10) (2)

(1) , (12)

가 , (12)

(16) 가 (17) (13, 14)

(10) , (10) , (10) (10) (10) (17) (10) (3) 가 (16) 40  
 (1)가 98%, (17) 50 60% , (16) (12) (17) ,  
 4 3 (2) , (12) 90 ° ,  
 (2) ,  
 5 7 (2) 2 5 ,  
 (12) (11) (10) (12)  
 (15) , 가 , (10) (10A, 10B)  
 (11) 6 , (10) (12) (1  
 1)가 7 , (4) (10)가 (12) (11) ,  
 (3) (12) (10) ,  
 (4) , (10) .  
 8 (2) (12) 2  
 (12) 1, 2 (51, 52), 1, 2 (53, 54) 1, 2 (5  
 5, 53)가 1, 2 (51, 52) (57) -  
 (58) 1, 2 3 (61, 62) 1, 2 3 (61, 62)  
 1, 2 (53, 54) 1, 2 (55, 5  
 6) (15) (15) 가 1  
 2 (63, 64) ,  
 1 (63) ( ) (10) (10)  
 , 2 (64) , (10) 4 1  
 (63) , 1, 2 (63, 64) 1, 2 (65,  
 66) , (10) 4 , ,  
 (66) (10) (2) .  
 9 1, 2 3 (61, 62) (70) (A) (B)  
 , (I) , (II) . (A) 1, 2 3 (61, 62)  
 (70) , (B) 1, 2 3 (61, 62)  
 (70) 1, 2 3 (62, 62)가 (A) , 8  
 1, 2 3 (61, 62) 1, 2 3  
 (61, 62) 가 (B) , 1,  
 2 (63, 64) (12)  
 , 9 (I) (70) , (II)  
 가 (13, 14) 가 .

, 1, 2 (63, 64) 8 1, 2 (65, 66)  
 (10) . (63, 64)  
 , 가 . ,  
 - 1, 2 (63, 64)  
 . , (1) (12)  
 , , (4) (1)가  
 , (10) , 1, 2  
 (63, 64) .

(12) , 가 10 60 , 가 10 80 -  
 가 30 200 3 가 . -  
 , (70) , (15)  
 . (10)

, 가 가 .  
 , ,  
 , .  
 가 , 가

(57)

1.

가 ,

가 , 가 ,

2.

1 ,

가 .

3.

1 ,

가 3

4.

가

(a)

(d)

(a)

가

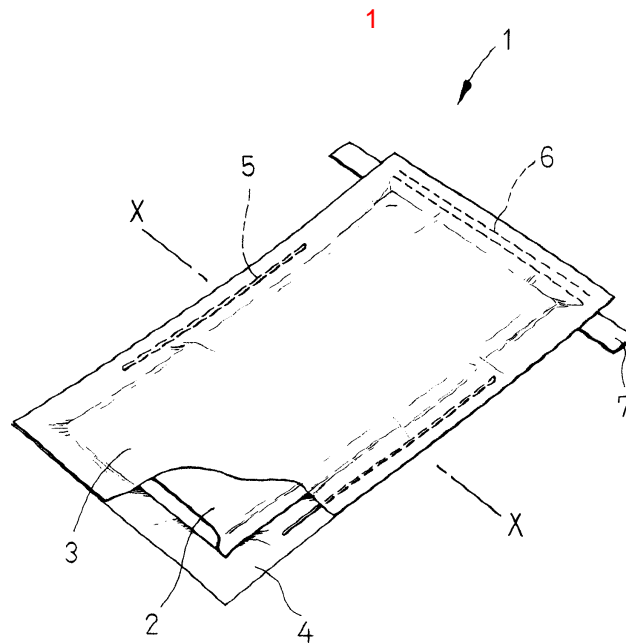
(b)

(c)

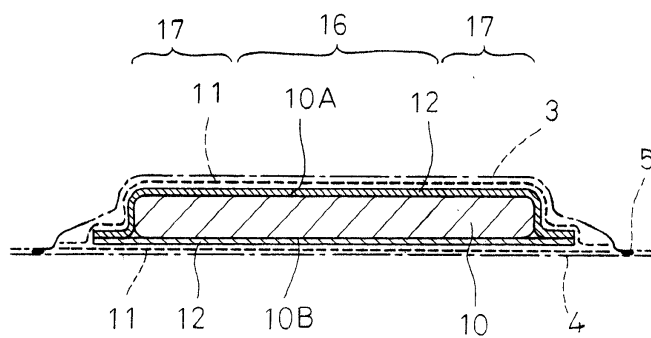
(d)

5.

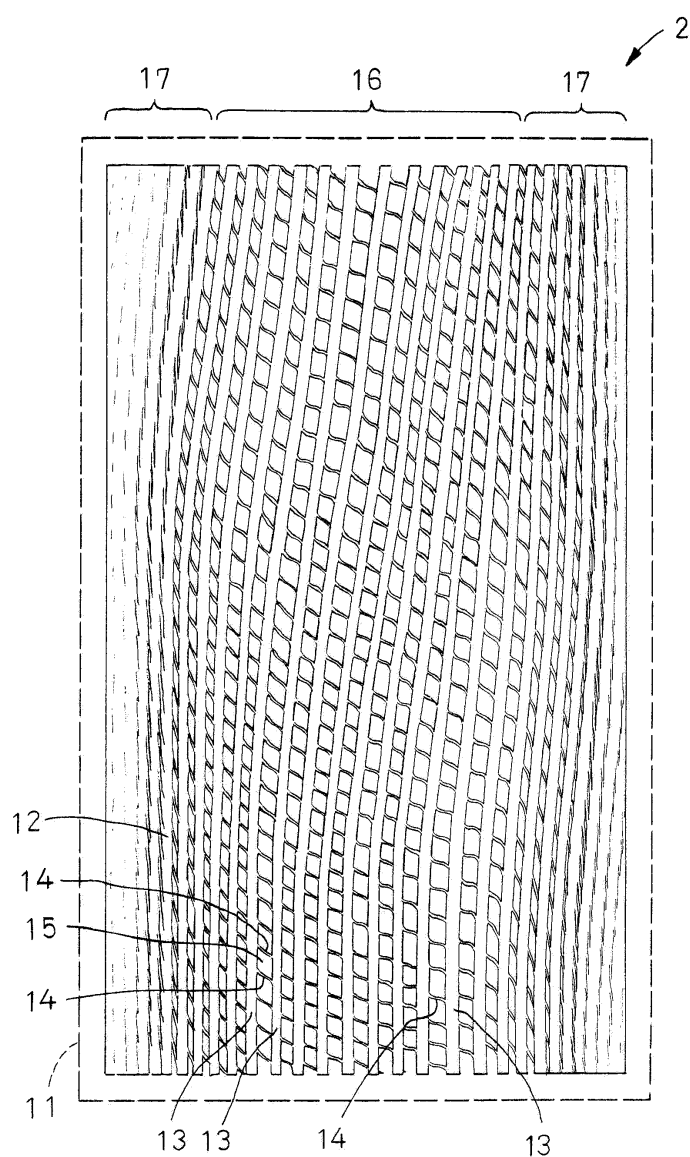
4



2



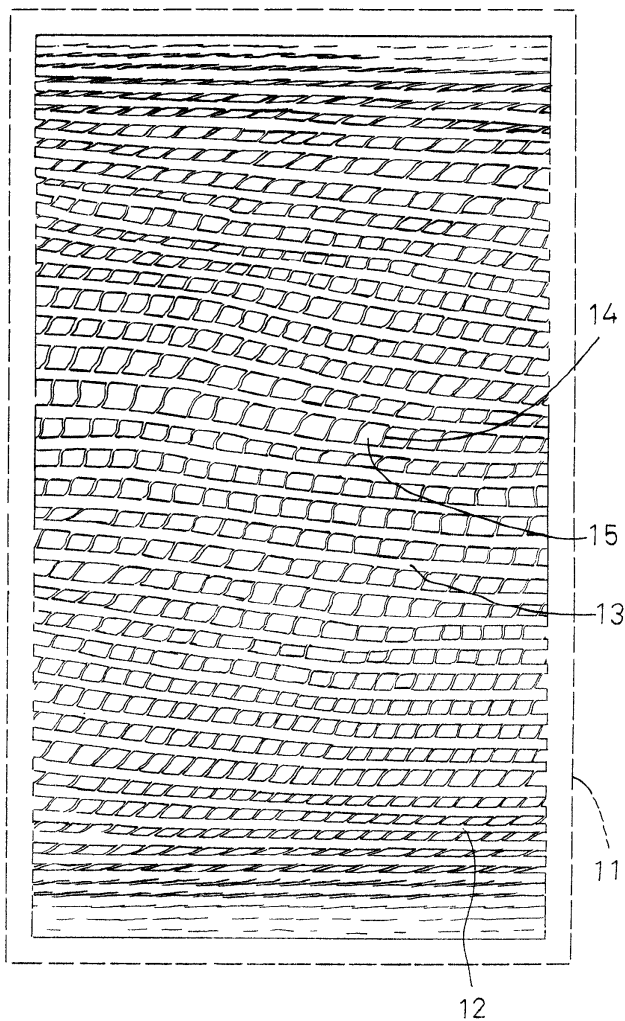
3



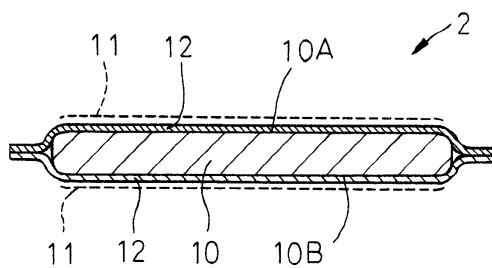


4

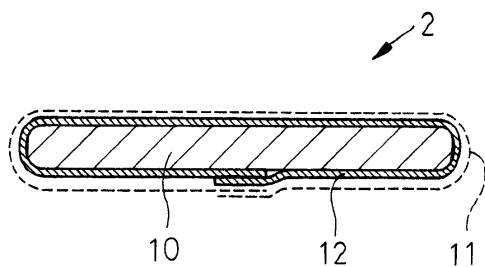
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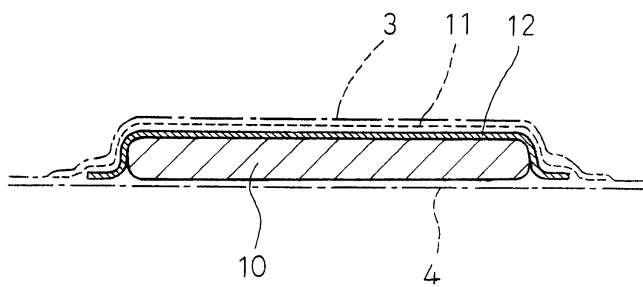
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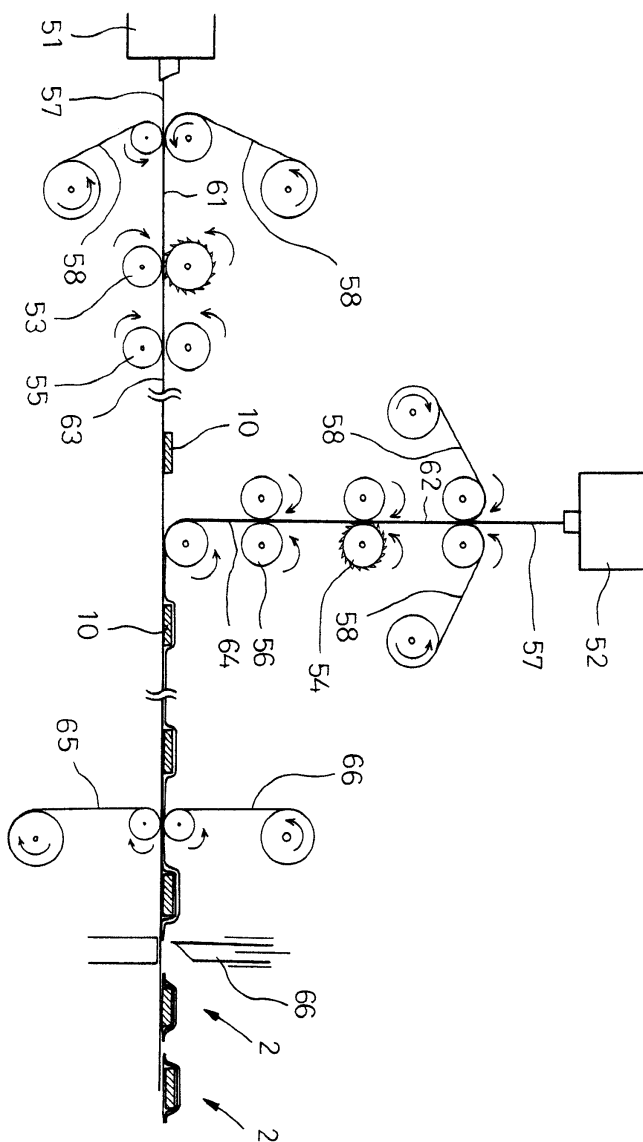
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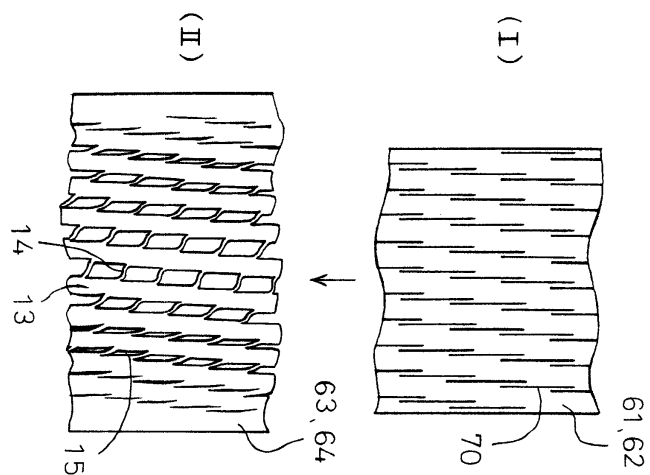
7



8



9a



9b

