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 (22) 2004 07 16

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 JP-P-2004-00200516 2004 07 07 (JP)

(71) 가 가 2 7-5

(72) , , - , 가 , 4-18-4

(74)

:

(54)

「CAP」
 , , , , (22)
 (10a) (21) (10a) (22) (10a) (22)
 G) , (21)가 , , , , ,
 50%

1

, ,

1

2

3

4

5

6

7

8

1

9

2

(

)

1

2

3

4

5

10

10a

11

12

20

21

21a

22

23

,

가
G (G) (G') 가
G') 95% (G) , (G') 70% 95% (G) (G')
1
가 50%
2 70% 95%
3 1 2
가
가 (G) , (G)
1
50%
2 70% 95%
3
가

1

10) (21) (10a) (22) , 1 (23) , (20) , (21) (22) (22) (10a) , (22) (10a) , , 「CAP」 , 1 V
 a) (21) (22) (10a) , . (22) (10a) (23)

, 가 (10) (10a) . (22) (21a), 1 (G)

2 (G)

$$2 \quad , \quad (G) \quad 50\mu\text{m}, 150\mu\text{m} \quad 250\mu\text{m} \quad , \quad (22) \\ (10a) \quad , \quad (V) \quad 0.25\text{m}, \quad 0.50\text{m} \quad 0.75\text{m} \quad 9 \\ 450\text{mm} \times 550\text{mm} \quad (10) \quad 390\text{mm} \times 490\text{mm} \quad (3 \times 4) \\ , \quad (21a) \quad . \quad , \quad 2 \quad , \quad 9 \\ , \quad 12 \quad , \quad (21a) \quad () \\ . \quad , \quad t_{ave} \quad , \quad t_{max} \quad , \\ t_{min} \quad ,$$

$$(\%) = (t_{\max} - t_{\min})/t_{\text{ave}}$$

(G) 가 . , 2 , (G) , 0.25m, 가 0.50
 $m, 0.75m$, (G)

, (G) 가 , (G') () . , (G) , (G') . , (10a) (21)가 .
 10a) , (G) (G') , (G') 50% , , (G') .

, (G) , (G') 70% 95% . (G) (G') 80% (G') ,

, (G) (G') 95%,
, , (G) (G') 90% 가

$$, \quad (G) \quad , \quad (G)$$

3 ,

3 , 3 (b) , 3 (a) , (10) (22)
 3 (d) , 3 (21) , 3 (e) , (23) , (20)

(10) 가 (22) 가 (21a) , 3 (21a) (b) 가 . (22) 가 , 3 (21a) (d) 가 . (21a) (a) 가 .
 (21) , 3 (21a) (21) 가 . (21a) (e) 가 .
 , (G) 가 . (21a) , 3 (21a) (c) (G) , (G)
 , (10) (22) , (22) , (22) , (23) (G)
 (21) ,
 (1)

[]
 (22) , , , (10a) 4 7 (10)
 , , (10) (21) 가 .
 .

4
 (11) , 4 (12) 가 . (10) (2), (4) (11) , (11) (2) ,
 (12) (5) (3), (3), (4) (10) (5) ,
 , (10) , (10) , (2) (10)
 .

5 (2)
) (23) (2) , 5 (20) , (20) (21) (22) (22)
 (10a) , , (22) , (21) (10) (10a) (22) (22)
 , (2) , (21) (12) (20) 가 . (20) , (10)
 , (5) , (24) , (20) , (20) , (24)
 , (24) , , (20) , (20) , (24)

11) , (24) , , , (24) , (24) , (24) , (25,26) , , 2
 (72) 가 . (28) 가 . (27) , (27) , (20) , (20)
 (22) , (28) , (22)

6 (2)
 (28) , 6 , , (28) (20) (20b) , (22) , (20) (22)
 . , . , . , . , . , .

, , (73) , (10) (3) 가 (3) , (69) (69) , (10)
 , , (10) 8 (s3) (3) , 8 , (s4) (3) , (73) , (10) (69)
 , 8 (s5) (21) 가 , (10) (2) (10a) (21) , (2)
 , (2) , (20) , (22) (12) (2) , , (22) 가
 , , (21) 가 (22) (10a) (10) , (10a) , (10a) 가
 , , (12) (10) (10) (10a) , (10a) 가 (21a)
 , , (12) (2) , (12)
 , , (73) , (10) (55) 가 (55) 가 , (69) (10) (69) , (10)
 , , (10) (55) (55) , (55) , (10) 가 , (10) 가 , (10)
 , , (73) , (55) (69) , , (65) 가 (67) , , (2)
 , , (65) (21a) (10) , (55) (10)
 , , (21) (1) , (10) (10a) (10a) , (2) 가 , (22)
 , , (1) , (10) (1) , (5) , (10) (65) 가 , (55)
 , , (1) , (5) , (10) (55) , 4 X (55) Y
 []
 , , (1) 1, 6 9

(57)

1.

50%

2.

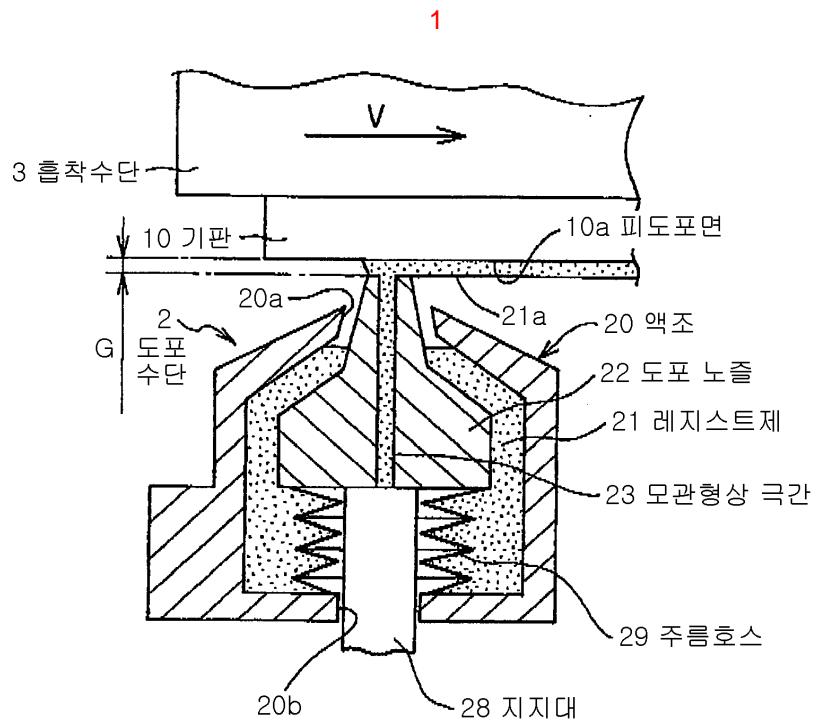
1

70% 95%

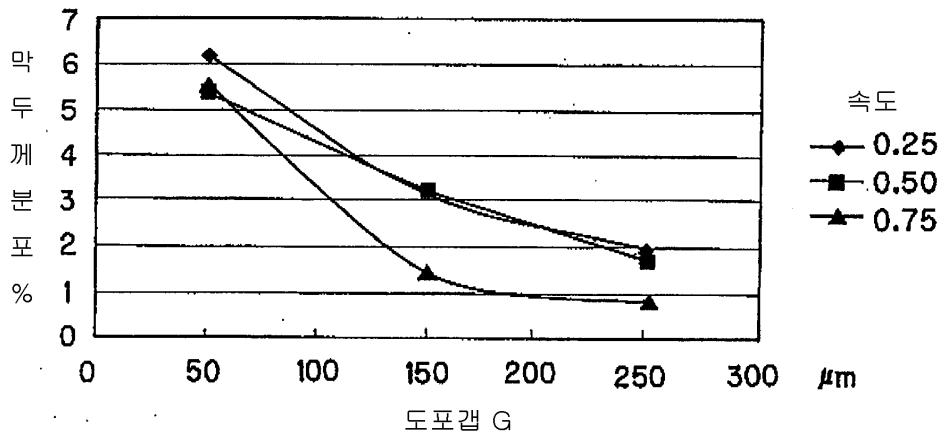
3.

1

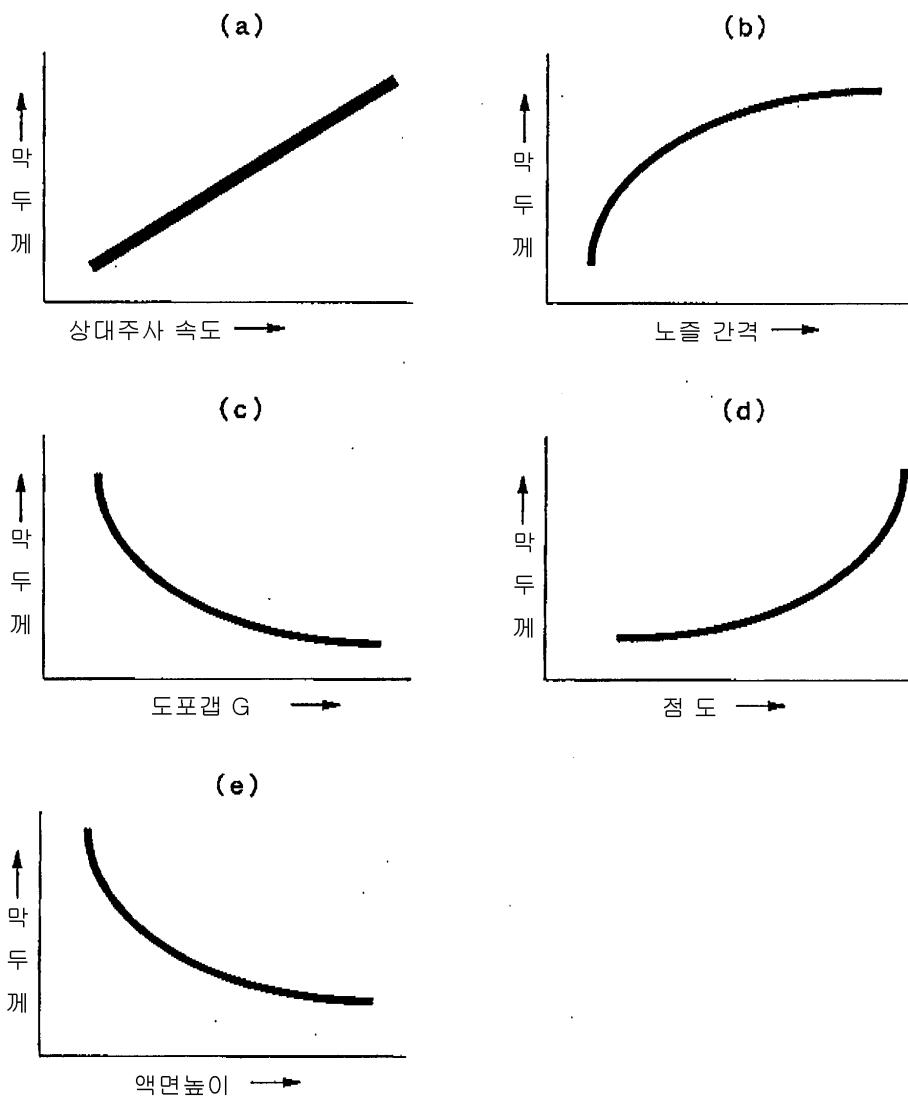
2

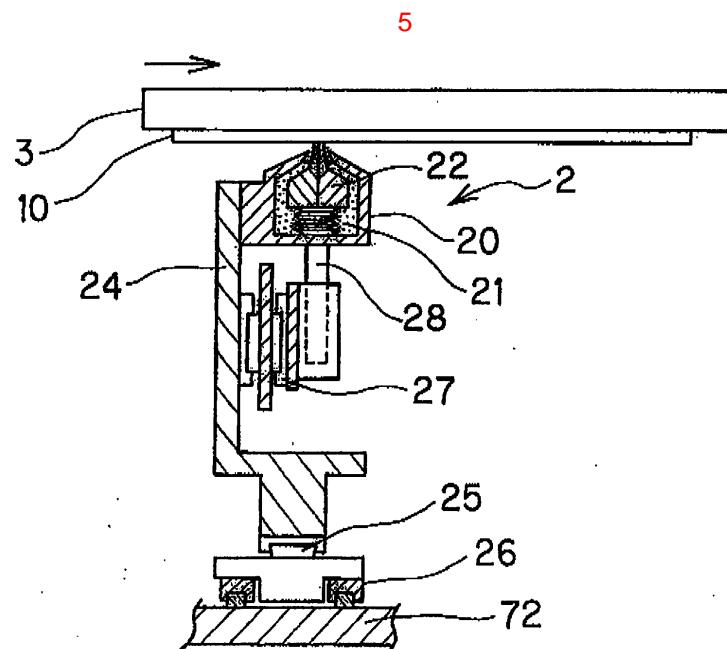
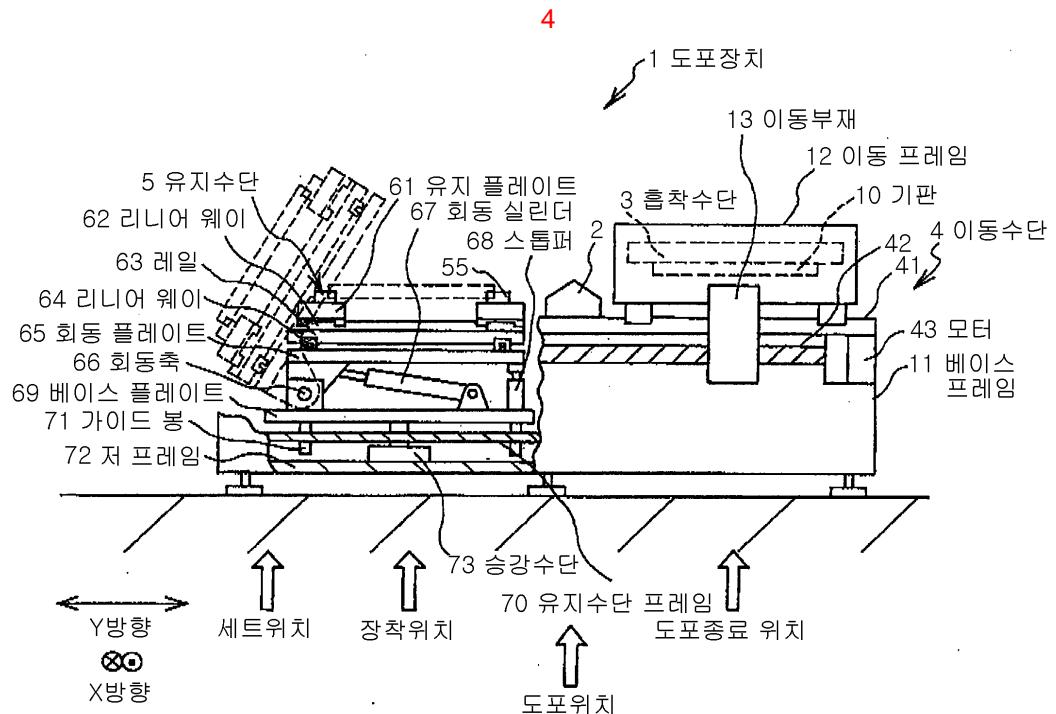


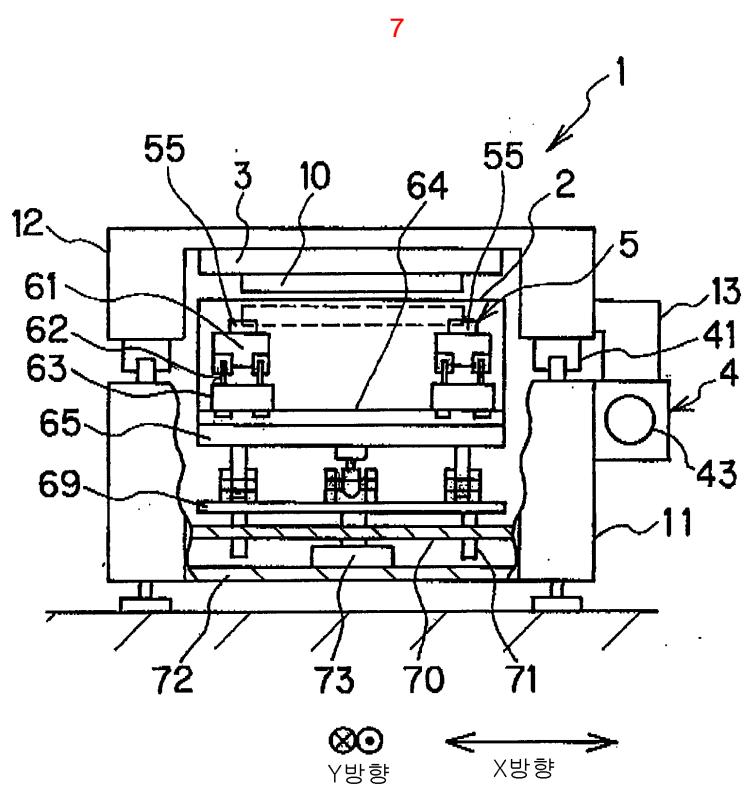
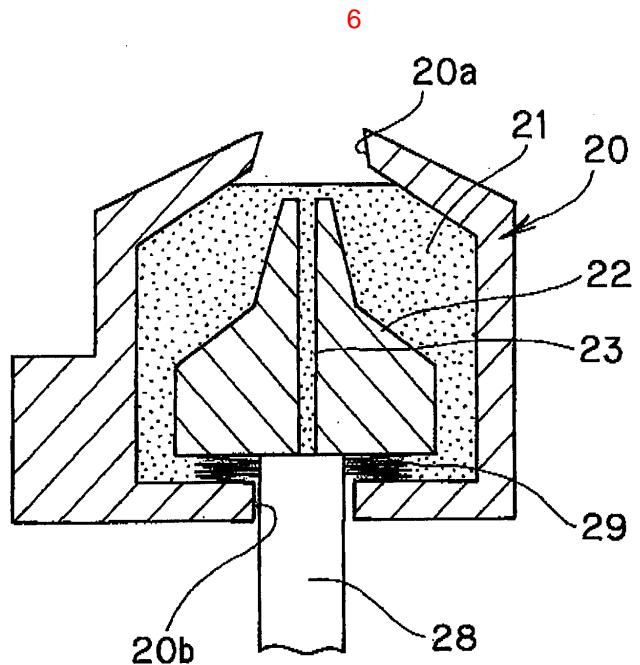
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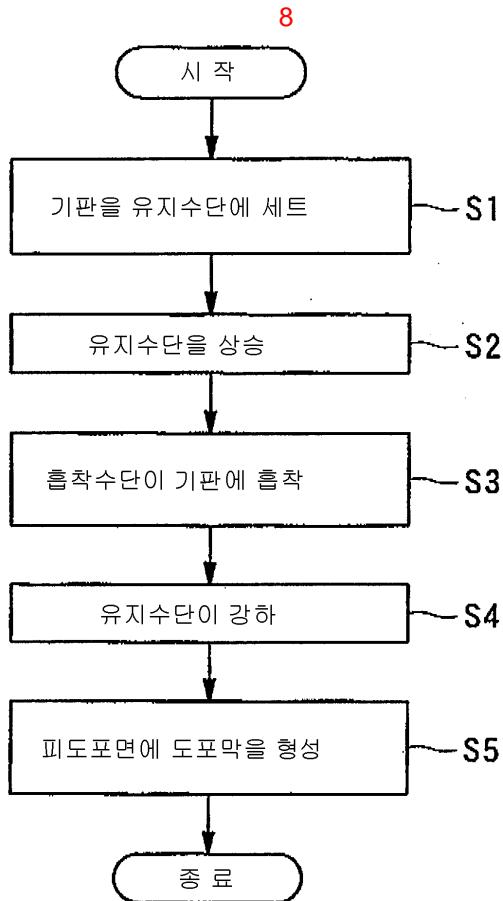


3









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