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(B1)(51) 。 Int. Cl.<sup>6</sup>  
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2003 10 17(21) 10-1996-0019616  
(22) 1996 06 03(65)  
(43)10-1997-0004235  
1997 01 29(30) 95-171543 1995 06 14 (JP)  
95-171544 1995 06 14 (JP)

(73) 가 가 2479

가 가 2 5 5

(72) 3296-1

1738-4

(74)

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(54)

1

1  
2

|    |   |       |
|----|---|-------|
| 3  | 2 | .     |
| 4  | 2 | .     |
| 5  |   |       |
| 6  |   |       |
| 7  |   |       |
| 8  | 7 | A - A |
| 9  |   |       |
| 10 | 7 |       |
| 11 |   |       |

|            |      |
|------------|------|
| 1 :        | 2 :  |
| 3 :        | 4 :  |
| 5 :        | 6 :  |
| 9 :        | 10 : |
| 12a, 12B : | 13 : |
| 15, 26 :   | 16 : |
| 24 :       | 25 : |
| 27 :       | 50 : |
| 51 : 가     | 53 : |
| 54 :       | 55 : |
| 56, 57 :   | 58 : |
| 59, 60 :   |      |

4) ,가  
( ) ( , )  
, 가 , , 가  
.  
, 3.9mm, 15.5mm, 7.3mm, 0.9mm  
.  
, .  
, 가 .  
, 가 ,  
가 .  
+200 , +60 , 18.6kg/  
가 , +160 , 70kg/  
가 .  
가 , 가 ,  
가

가

가

가

가

가

18.6kg/

가 +260

가

가

(分相卷),

(突極卷),

(shading)

가 가

가

18.6kg/

가 +260

가 +32

0  
+3101000kg/  
가

+150

가 120mm

50

70kgf/

+290

1)

(M)  
(2)

1

(1)

(1b, 2b)

(A)

(B)

(M)(  
(1c, 2c)

(C)

(3)(

(

(4)

(1) 6

( )

(1a, 2a)

(5)

(3)

가

(1),

(2)

(3)

(A)

(2)

( )

(IC)(H)

(S)

( )

(12A, 12B)

(2)

(38)

(38)

(12A, 12B)

(40)

(12A, 12B)

(2)

(1)

(1a, 2a)

(12A, 12B)

(

12A, 12B)

(A)

(3)

(3)

(12A, 12B)

(1)

(12A)

(A)

(S)

(A)

(3)

(12A, 12B)

(13)(

(12A)

(3)

(24)

4

5

D, E, F, G, N

( )

(S)

(3)

(S)

(3)

( )

(12A, 12B)

(24 . )

(24)

(D, E, F, G, N)

(

24)

(25)

(24)

(25)

(24)

(3)

(26)

, (12A, 12B) 5 (12  
 A, 12B) (27) (28)가 (12A) (13) , (16)  
 (15) , (15) (6)  
 , 1 (4) (4) 가 (9) (9) (10)  
 (4) (4) (11) (7) 가 (B)  
 , 7 8 (S) (S)  
 (50) , (54) (53) 가 (51),  
 (55) (52), (54) (55)  
 (59, 60), (56, 57) (58)  
 (50) 3.9mm, 15.5mm, 7.3mm, 0.9mm ,  
 18.6kg/ +260 , 가 +320  
 1000kg/ 120mm .  
 (50) 10 (61) (62)  
 (63) , (64) (67)  
 (66) , (67) +140  
 3 , (67) +290 300 , (67) +310 , (66)  
 +310 +320 , (61 63) +150 ,  
 50 70kgf/ 가 +320 1000kgf/  
 , 120mm ,  
 , (61 63) 가 (50)  
 , (54), (53) 가 (51), (55) (52), (56, 57), (54)  
 (55) (59, 60) (50) , (59, 60)  
 (58) (S)  
 , 가 가  
 , 가  
 (M) 11 (2)가 ( )  
 (3), (12A, 12B) (1) (29) (30) (A)  
 , (31)  
 +160 , 70kg/ (29)  
 (27) ( ) (4) 3 (28A) ), (12A, 12B)  
 (28) (12A, 12B) (12A, 12B)  
 , (S) (50) (A) (50)  
 , 가 (50)  
 (S) (A) ( )  
 (53) +130 , +90 )  
 , 가 (M) 3M, 3A (3)( )  
 , 9 (S), (63) (AC)  
 (63) (64) (64) (H)  
 , (3A) (62)가 (S) 가 (51) 8 (5)  
 2) (64) (63) (3M) (3A)  
 (B)가 (64) (H) (63)  
 , (M) (B)가 (3)(3M, 3A) 가 (53)  
 (54) , 가 (51) (52) 8 (3)  
 , (M) (S) (3)  
 (53) (A) (3)

가 .  
가  
가 가

(57)

1.

가

가

2.

1

3.

1

가

4.

1

5.

4

18.6kg/

가 +260

6.

1

2 , 3 , 4

5

7.

1

2 , 3 , 4

5

8.

18.6kg/

가 120mm

가 +260

가 +320

1000kg/

, +290

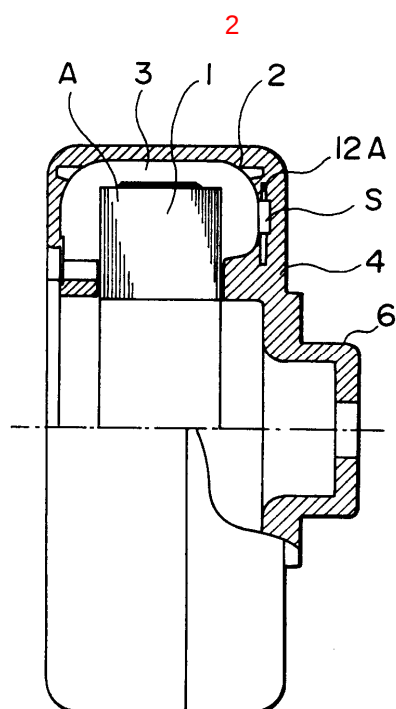
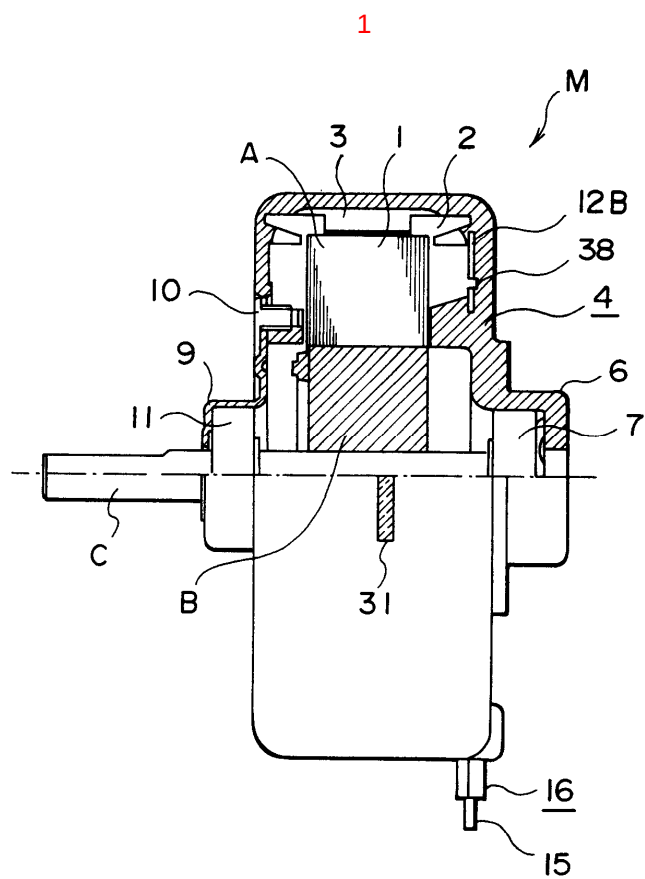
+310

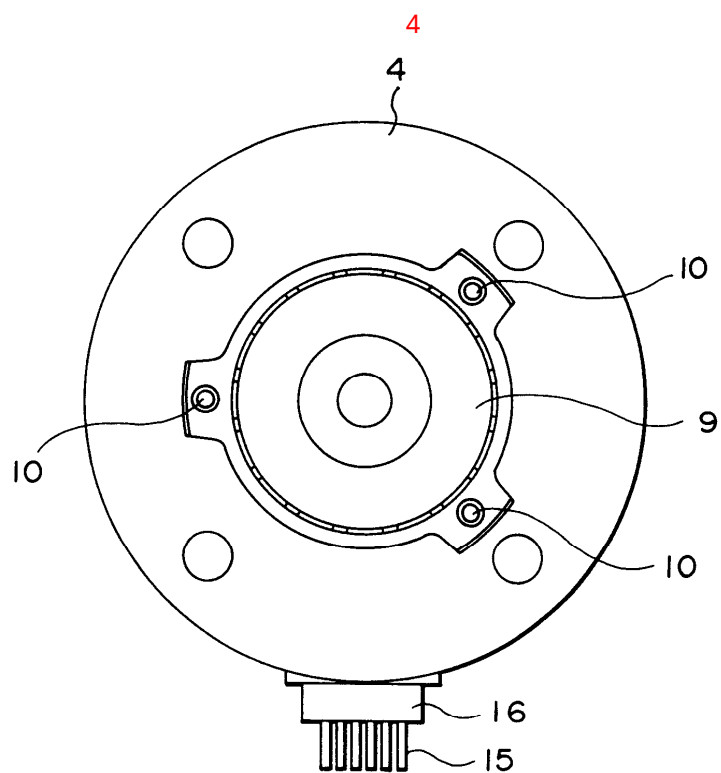
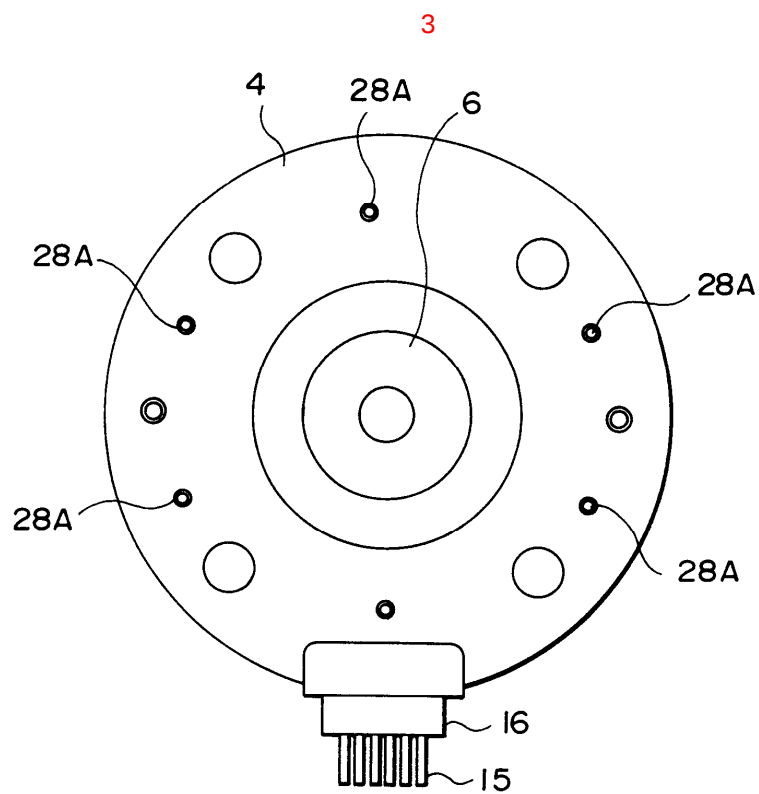
가

+150

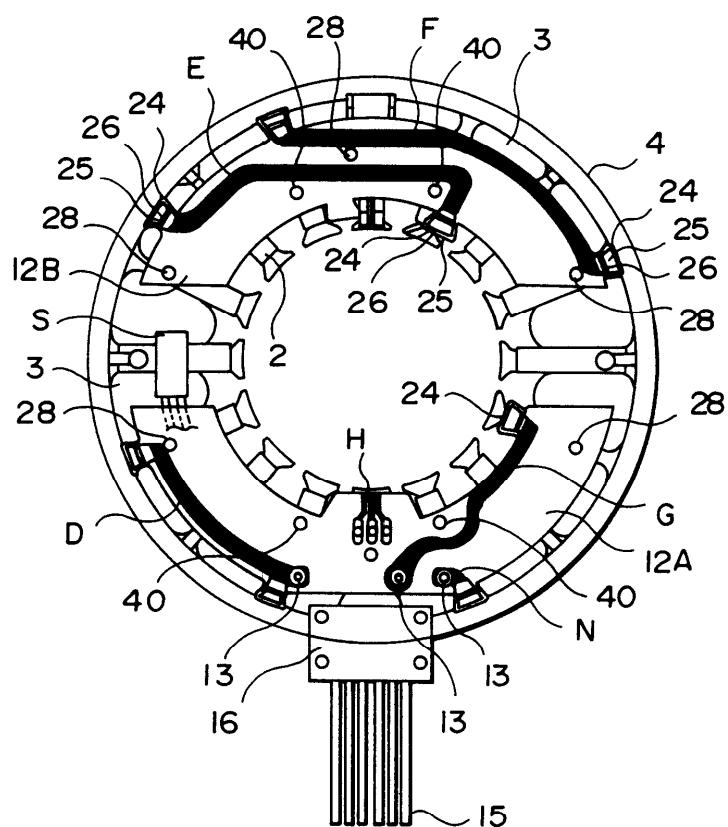
50

70kgf/

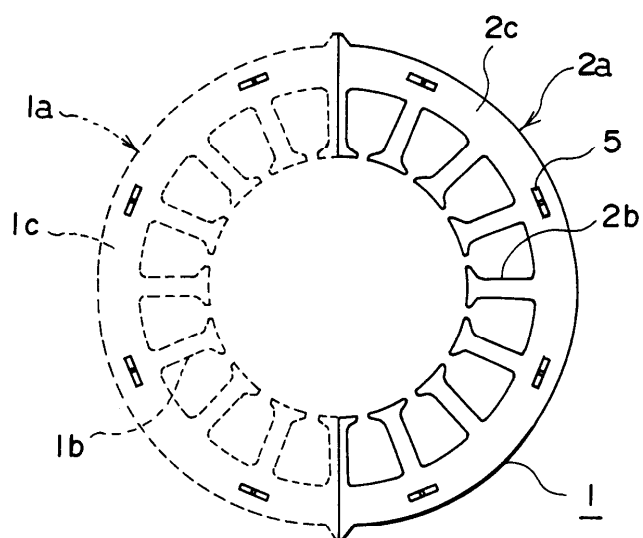


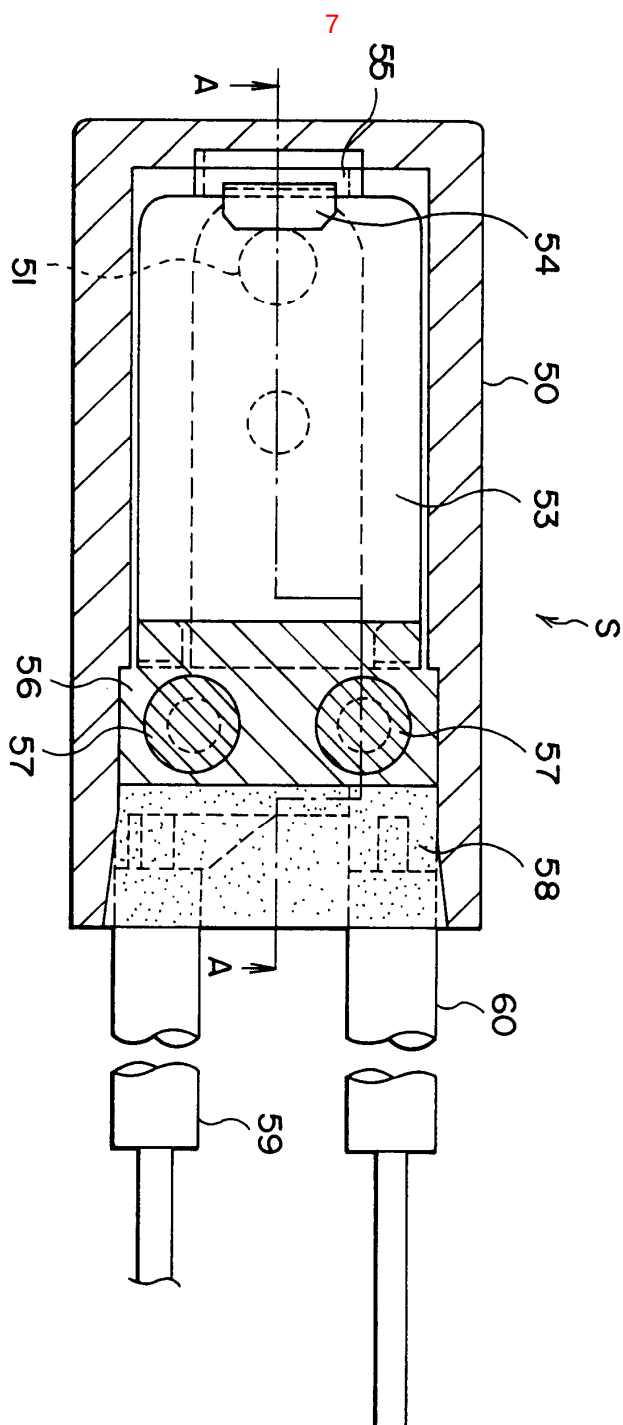


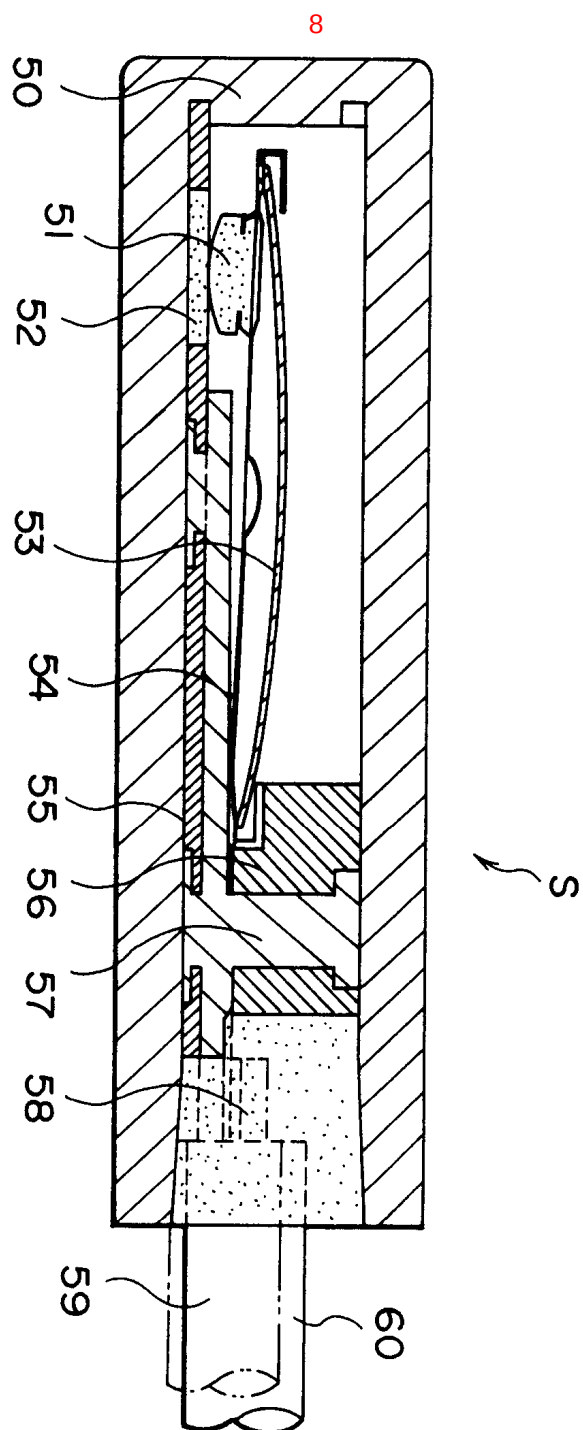
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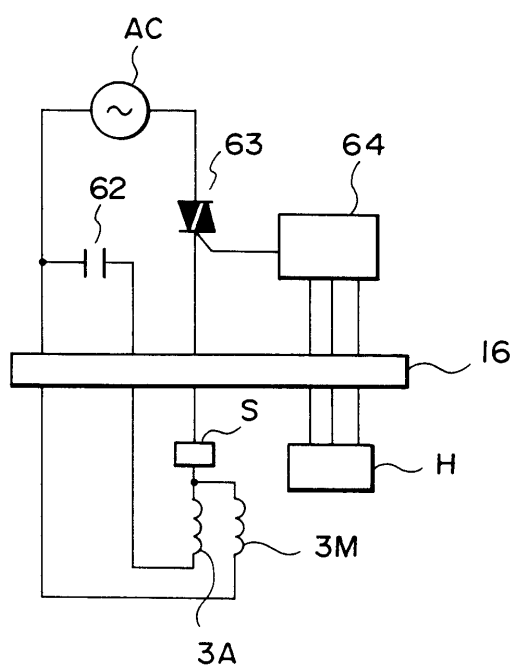
6







9



10

