

(19)
(12)

(KR)
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(21) 10 - 1993 - 0023392 (65) 1994 - 0012085
(22) 1993 11 05 (43) 1994 06 22

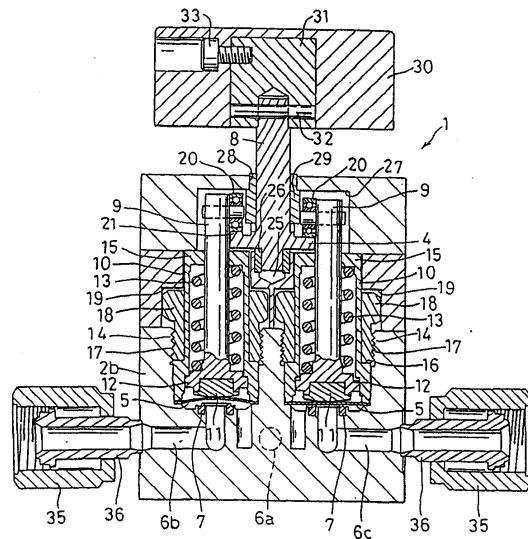
(30) 92 - 297298 1992 11 06 (JP)
92 - 297299 1992 11 06 (JP)

(74)

(54)

, 가 , .
가 , .
가 , .
가 , .
가 , .
가 , .
가 , .
가 , .
가 , .
가 , .

제 1 도



1	1	
2	1	
3	1	
4		1
5		
6	2	
7	3	
8	7	
9	3	
10		3
11		

12 4
13 5
14 13
15 13
16 , 5

17 6

< >
1 :
2 :
2a :
2b :
2c :
3 :
5 :
6a :
6b, 6c :
7 :
8 :
9 :
11 :
20 :
28 :
29 :

(栓體)가 가

(栓座)

가

가

가

(凹形狀)
가

가

(sanitary valve)

가

가 , 가

가

90 °

1

7

71

(diaphragm)

가

(bellows)

가

가

가 1

가

가

ow)

가

(wind

가

가

가

가

가

1 , 1

1

1

1

(1)

1 , 5

1
4 1

(1)

(2) 가

(2a)

(2b)

(2c)

1 , 2
(3, 3)
(7, 7) 가
(3, 3)(2a)
(6b, 6c) 가
(3, 3) 가
(7, 7)1
(3, 3)
(5, 5)(2a)
(3, 3)(6a)
(14, 14) 가(6b, 6c)
(6b, 6c)

(2a) 2 (9) (3, 3) (11) 가 (5) . (7) (9, 9) . ,

(9) (11) (12) 가 .

(2a) (12) (3) , (15) (10) (10) (9) (10) 가 (9) (5) ,

(13) (13) (10) (15) (12) (13) (13) (7)

(9) 가 .

, (10) (18) 가 (2a) (3) (18) (16) (16) (17) , (17) 가 (3) ,

(14) (10) (2a) (18) (2a) (3) (10, 10) (2c) 가 (19, 19) (18, 18) , (19, 19)

2a) (2c) 가 (10, 10) (2c) 가 (2a) . (20) 가 (2c) (20a)

, (9) (9) (10) (15) (19, 19) (18, 18) , (19, 19)

(26) 가 (2c) (26) (8) (8a) 가 (25) , , (8) , (8)

4) 가 , 1 , (4) (21) (22) 가 (21) , (21) (23, 23) , (4) 2 (9, 9) (20, 20) 가 (8)

(2c) (38) 가 (37) (37) (8) (39) (4)

(38) 가 . (40) 가 .

(2) (2b) (8) , (4), 2 (9) , (2b) (27) (27) 가 (2b) (2c) , (2b) (28) (28) (8)

(20) (29) 가 , (2b) 가 .

(8) (30) (31) 가 (32) , , (33) (31)

(31) .

(2)	(2b),	(2c)	(2a)		(34)
.	.	(2a)	.	(35)	.
(36)가	.	.	.	.	.
,	(1)	1	2	(6b, 6c)가	.
9, 9)	(20, 20)	5	.	(8)	(4)
.	(21)	.	.	.	.
,	(30)	.	(8)	90 °	.
(4)	.	(21)가	(4)	(20)가	(20)가
(23)	5	.	(20)	가	(21)
.	(22)	.	(9)	(9)	(13)
(7)	.	.	(7)가	(11)가	(5)
(6a)	.	.	(39)	1	(6b)가
(38)	가	.	.	.	(40)
8)	(30)	.	.	.	.
,	(9)	(20)	(9)	(11)	(8)
(4)	.	,	.	,	2
(6a)	(6c)	(7)	.	.	.
1	.	(6b)	(30)	(21)가	(8)
90 °	.	,	(4)	(9)	(22)
(20)가	(22)	(8)	(23)	(7)	(13)
.	,	(9)	(11)가	(5)	.
1	(6b)	(6a)	.	.	(4)
.	.	.	(38)	(38)	(30)
(40)	,	,	(4)	(21)가	.
(8)가	.	.	.	.	(9)
(20)	.	(30)	.	.	.
.	, 2	(6c)	(6a)	.	.
,	(30)	(8)	90 °	(20)가	(4)
(21)가	.	(4)	.	(21)	(23)
.	(21)	(22)	.	.	.
(38)	가	(4)	.	.	.
2	(6c)가	(6a)	,	1	(40)
.	.	.	.	.	(6b)
가	.	.	.	.	(6a)
,	(30)	90 °	1	2	(6b, 6c)
가	.	.	.	.	.

, (52b) (52b) (62) 가 (63) 가 ,
 2 (52b) 1 (59) (11) 가 (7) (5) (62) ,
 (6) , 2 (51)

(3)

7 11 (61) 가 , , (2) (2a) (6)
 (3) 가 , (3) , (6) , (2a) (6) (6) 가
 (3) (14) 가 , (3) (3) (7) (7) 가
 (5)

(11) (2a) (3) (11) (9) , (9)
 (12) 가 (5) (7) (9) , (9)

(2) (8) 가 , (8) (4) 가 10 (9)
 21 (21) (22) 가 , (21) (21) (23, 23)
 , (4) (9) (20) 가 (8)

(2) (2b) (8) , (4), (9)
 (20) (27) (27) 가 (28) , (2b) (2c) , (2b)
 28 (2b) (29) 가 , (2b) (2b) (27) , (8)
 (8) 가 , (41) (8) (4) (41)

(2) (2b), (2c) (2a) (35) (34) (3)
 6) 가 . .

3 (13) (61) (11) (6) (7), 가 , ()

, 3 (20) 가 (30) (6) 가 (30)
(13) , (7) (5) .

$$(2) \quad (6) \quad (7) \quad (5) \quad , \quad (6)$$

$$, \quad (61) \quad .$$

$$(\quad 4)$$

(2a) 가 (2a) , (2) . (71) (3)

, (3) (52a) (52a) . . . (52)
 (11) (52b) (52) (52)
 a) (53)가 . . . (53) (52b)
 (54)가 , (54) (52b) (55)가 (52b) (55)가 (52b)
 (55) (56) , (56) (57)
 가 (53) 가 , (52a) (52b)

(52a) (59) 가 , (13) , (13) , (52) , (13) , (10) , (52) , (15) , (11) 가 (53) , (7)

, (52b) , (52b) , (62) , 가 (59) , (63)

4 (52b) (59) , 4 (62) , (71) (62)

(5)

13 , 16 , 5 , (81) , 3 , (2) 가 (61)
 가 (8) 가 (2) , (2b) , (27) , (27) , (2b) , (71) , (2b)
 (72) , (8) , (8b) 가 (73) , (72) 가 (2b) , (2b)

(8) , (74) , (74) , (77) , 가 (74) , (73) , (75) , (2) , (4) 가
 가 (74) , (75) , (75) , (76)

, (8) , (4) , (71) , (6) 가 (21) , (9) , (20)
 , (74) , (73) , 15 , 16 , (4) , (4) , (74) , (75) , (2) , (2b)
 , (20)

, (74) , 15 , 16 , (8) , (20) , (21) , (22) , (23) , (4) , (2e) , (20) , (9) , (11) , (1) , (1)
 21) , (4) , (20) 가 (21) , (22) , (23) , (4) , (2e) , (20) , (9) , (11) 가 (6)
 3) , (7) , (7) , (7) , (7) , (7) , (7)

5 (74) , (6) , (8)

(6)

17	,	5	(81)	(2)
(2)	(8)	(74)	,	6 (91)
	(2a)가		,	(2a)
	3	.		(3)
(11)	(3), (52a)	(52a)	(52a)	.
가	(52b)	(52)	.	(52a)
(55)	(53)가	(53)	.	(54)
	,	(54)	(55)가	(52b)
	(56)	(56)	(57)	,
(53)	가	,	(52b)	가
(2a)	(3)	(58)가	(58)	.
	(59) 가	(60)	.	(15) 가
(10)가	(3)	.	,	(10)
(59)	가	.	(10)	,
(13)	,	(13)	(15)	(52a)
(13)	,	(10)	(11)가	.
	(52)	(52)	(7)	,
,	(52b)	(62)	(63)가	.
(52b)			(59)	(63)

(57)

1.

2.

가 , 가 ,

, 가

가 ,

가

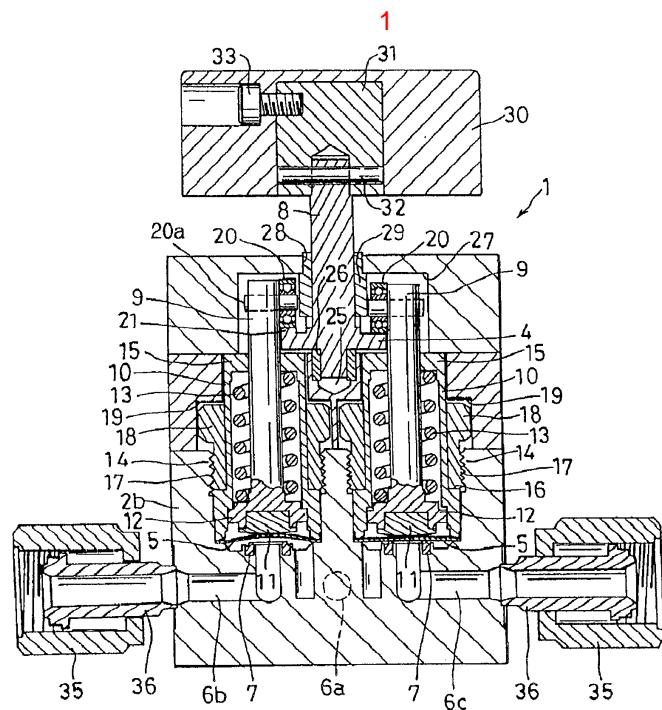
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가 .

가

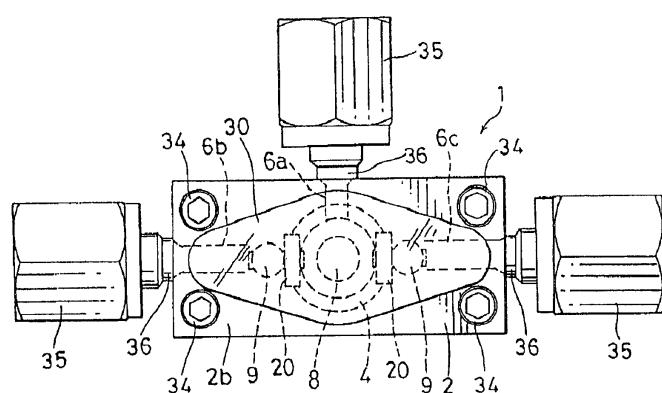
가

가 가

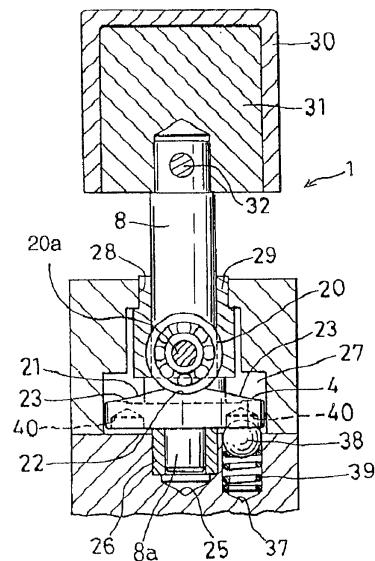
4 , 가 , 가
 , 가 , .



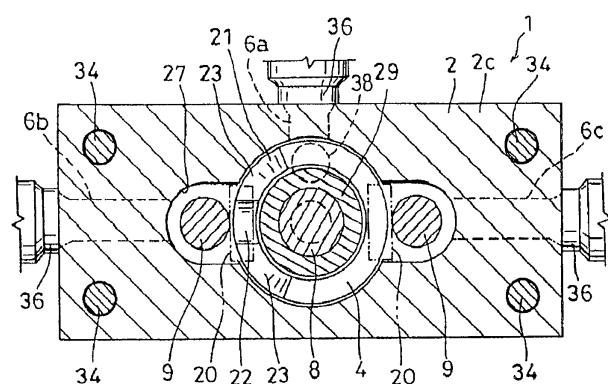
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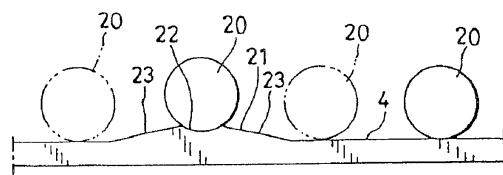
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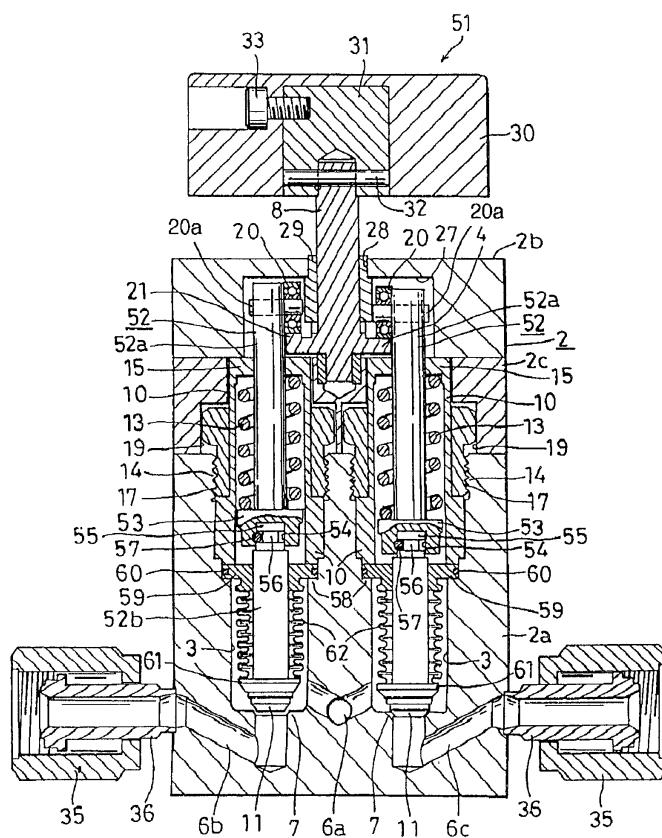
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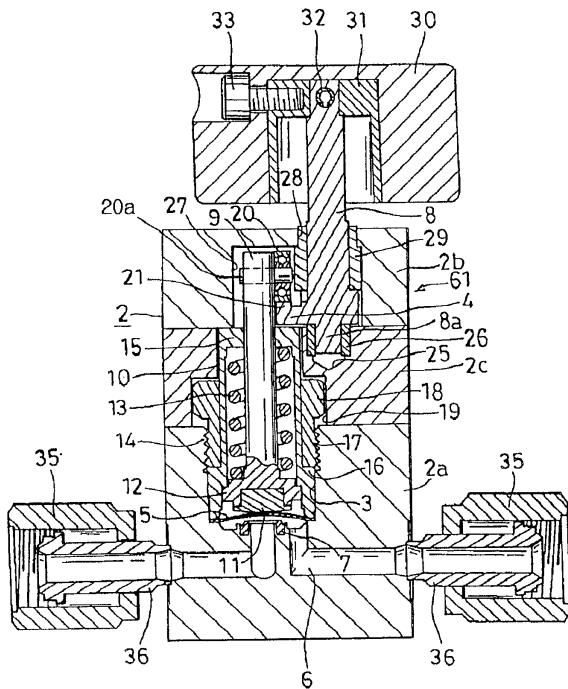
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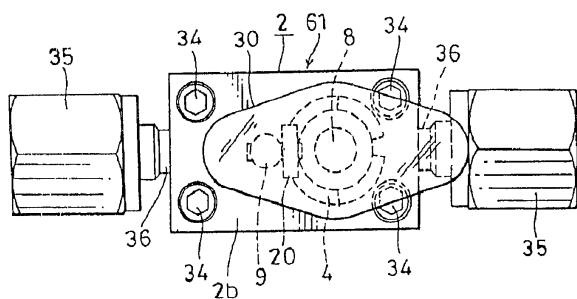
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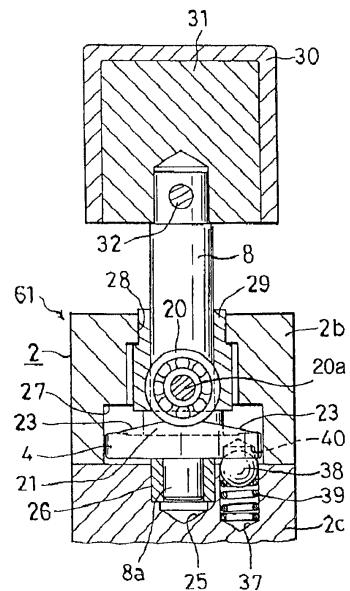
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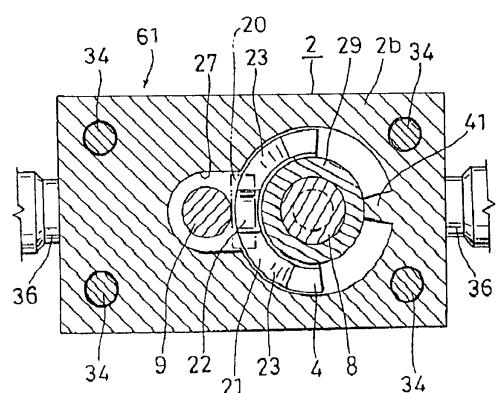
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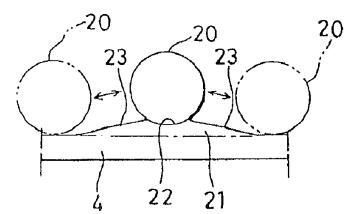
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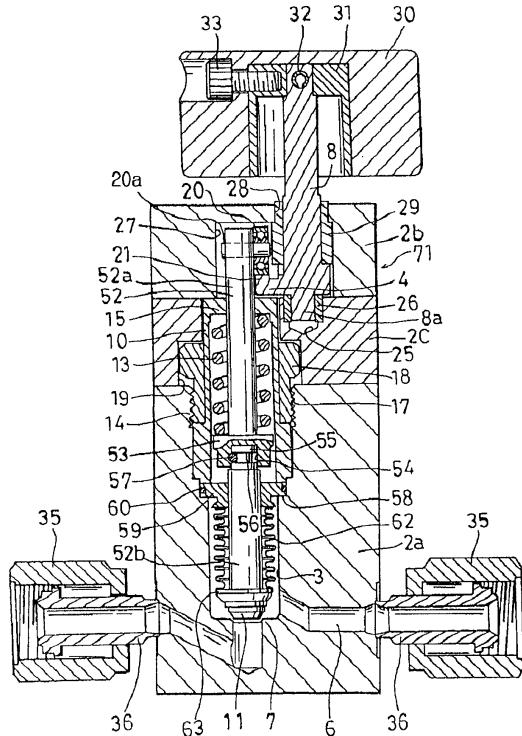
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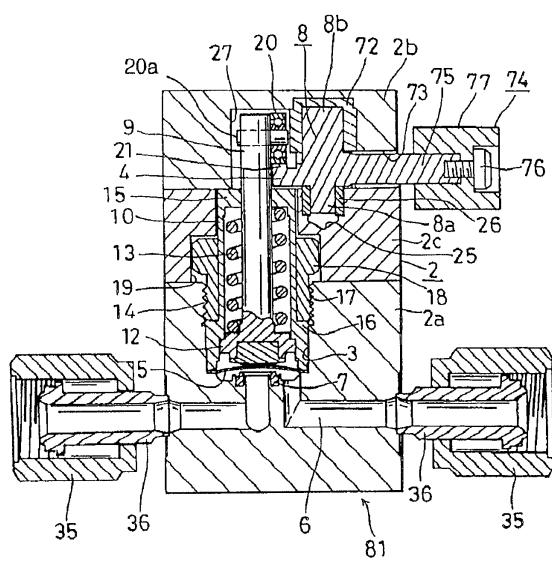
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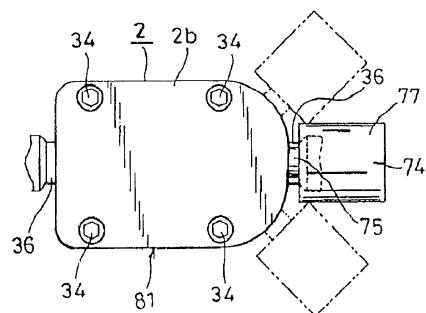
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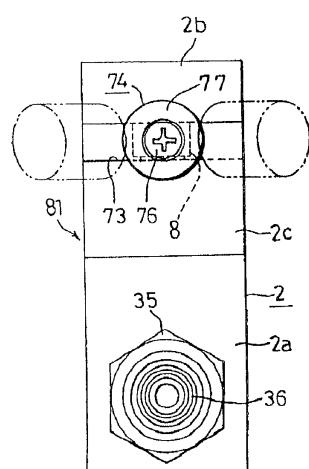
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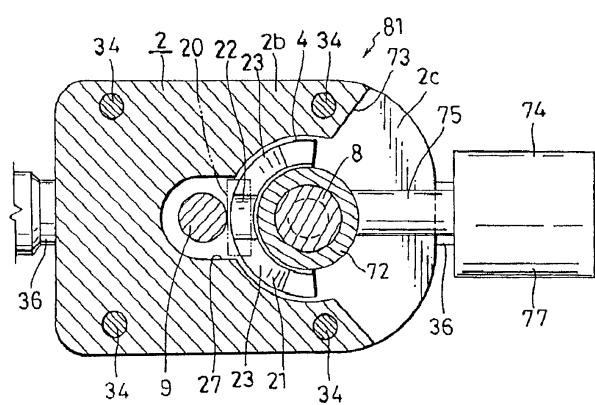
14



15



16



17

