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(43)

2002 - 0006459
2002 01 19

(30) JP - P - 2000 - 00215852 2000 07 11 (JP)

(73) 가 가 2 1 1

(72) 1 - 4 - 1,가 가
1 - 4 - 1,가 가
1 - 4 - 1,가 가

(74)

:

(54) 가

가 , , , , 가 , 가 , 가 , 가

4

1 4 .

2 4 .

3 2 .

4 3 .

5 3 5-5 .

6 3 6-6 .

7 6 7-7 .

8 6 8-8 .

9 .

10 9 10 .

11 5 .

12 3 12-12 .

13 12 13-13 .

14 11 14-14 .

15 14 15-15 .

16 .

17 .

18A 18F 가 .

(氣液分離),

가 (blow bye gas)

가

가

1 - 148009

가

가

가

가

가

가

가

가

가

1

가

가 (着脫可能)

가

가

가

가

가

가

2

1

가

가

[]

1

(T)

4

(E)
(C)

가

(T)

(E)

4

(E)

2

5

2, 3 5 , 4 (E) (1) , (2)
(3)가 (2) (4)가 (1)
(5)가 .

(1) (6a) 가 (6), (7a) 가 (7), (8a)
(8a) . (9, 10) 가 (8) , (7)
(8) , (7) (6)가
(6L, 6R) (6) , 1 2 (半體)(6L, 6R) ,
(12) . (7) (8) (38)

(6a) (13) 1 2 (6L, 6R) (14, 14')
(7a) (15) (16) . ,
1 2 (6L, 6R) (14, 14') (13)
(17, 17')

3, 6 8 , (7) 1 2 (6L, 6R) (8
5) . , 1 2 (6L, 6R) (86)가 (87)
, (87) , (7) (6L, 6R) (凹部)(8
7a)가 . , (86)
(86a)가 (86) 가 U
(87) , (86a) (87a) ,
(87) (88)
(86) (87) 가 .

, 1 2 (6L, 6R) , (86) (86a)
, (86a) (85) (6L, 6R) (7) (85)
7) T , 1 (86) 1 (85) , (86)
(86a) (87a) 가 , 가 (86) (86a)
(定位) (87) 가 (87a) ,
(87) (87a) (1)
가 .

, 4 5 , (8) , (9) (10) (18)
(19)가 (7a) , (20) , (8a)

(18) (19) (8) (21) (22, 23)
(8) , (21) , (18) (19)
(24, 25) , (24, 25)

(18) (19) (26) (13) (21)
 (27, 27') (27) (21)
 (8) (27) (26)
 (密接) (28) (21) (21) (26)
 가 (29)가 (26) (29) (30)
 (27') (30) (31) (29) (8)

4, 11 16 (8) (21)
 (71)가 .

(8) (11) (26) (24, 25) (11c)
 (11c) 가 , (11a, 11b) ,
 (71) (8) (11) (71a) , (21)
 (71b)가 . (71b) (90) ,
 (21) 0 (72) (71a)
 (11a, 11b) (91, 91) (8)

(71) (71b) O (72) (21) (91)
 (軸力) 0 (72) 가 . 가 (71) 가 (8) (71)
 (91) 0 (72) , , (8)
 가 . (71) (71a) (11a, 11b)
 (91, 91) (8) ,
 (71) 가 .

(26) (28) (8)
 (13) (6)
 (32)가 , 가 2 (33)가 (26)
 2 1 가 (32, 33) (34)가 (13) (26)
 (53)가 . (26) (35)

(E) OHC (35) (1)
 3 12 (1) (35) (1) (37)
 (36)가 , (1) (35)

(1) (35) (40)가
 (41) , 가 (40) (42)(2)가

2, (13) (35) (6)
 , (43) (44) (43)
 (45, 45 ...) (43) (46)(
 2 1)가 , (46) (47)가
 (47) , (50) (48) (49)
 , (13) 가 , (47)가 (48)
 (壓接) , (13) (50) (49)
 (43)

51a) (1) (51) , (35) (43) 1 ((51a)
 , (42) 2 (51b) , (1) 1 (51a)
 (13) (58)가 , (58) ,
 (C) (59) , (75) (52)가 ,
 (45, 45 ...) (51) (51)
 (58) (5) (臺座)(54)가

2 (51b) (36) , (35) (92)
 , (13) (26) (35)가 (1)
 (1) (1) (薄肉化) , (35) 가 ,
 (E) 가

가 , (7) (13) (35) (49) (47)
 가 , (13) 가 (E) (13)
 가 가 , (E) (E) ,
 (35) (50) , (13) 가 ,
 (13) (14, 14') , 가

, (1) (47) , (47) (45) 가 (43)
 (13) , (43) (E) (45)
 (8) , (49) (52) 가 (7)

, (1) (40)가 (35) , (40)가
 (35) 가 , (35) 2 (51b)
 , (35) 가 . (40) (43) , (1)
 , (E) (13) 가 가

5, 14 15 (8) , (9) 가 (94)
 , (94) (95) (2)가
 (95) (94) , 가 (96) , (9

6) (caulking) (96a) (95) (94)
 (95) (95a)가 (95a) (97) ,
 (98)가 (97) (99) (頭部)가 ,
 (99) (98), (2) (4) (4a) ()
 100) (挿通) , (101) (97) ()
 95), (98), (2) (4)가 .

8) (97) , (stay)(97a)가 (97a)가 ()
 (109)

가 (1) (2) (102) (102)
 , 가 (36) , (95)가 (103)
 , (43) (43) , (102) (1), (8)
 , (2) 가 (102) (102) (1) (36)
 , 가 가 .

3, 13, 16 18F (E)

3 (13) (40) (39, 39')
 (40) (40) (6a) ()
 (55) (13) (40) (0) , , ()
 55) (40) (E) (0) .

(40) (40) (40a)가 (40)
 (13) (slinger) (56)가 (13) (57) (56) (56)
 (13) (56a) (1) (56b) 2 (56a, 56b) (40a)
 (56a, 56b) (13) (56)가 (E) ,
 2 (56a, 56b) (40) (0) (飛散) ,

가 (40) (40a) (40) (dead space)
 가 , 가 (40a) (E) , (40a)
 (56b) , 가 .

(40a) (13) (39)
 (40a) (13) (42)
 (84)가 .

(42) (40) (40a) 가 (84)
 가 가 , (E) 가 .

3, 12 17 (6a) (60) (21) ,

(60) (6a) (21) (61)가
 . (60) (36) 가 ,
 (60) (62) (36) (62) (36)
 (63) , (63) (6a) (6) (64)
 (65) (62) (63) (62)
 (61)가 (61) , , .
 , (36) (60) (36) (66)
 , (66) (21) (8) (67) .
 (71) , (71a) 가 (105) , (71b) 가
 (106) . (105, 106)
 (74)
 (74) (21) , , , (105)
 4 (73, 73 ...)가 . , , (26)
 (21) 2 (75, 76)
 , (73, 73)가 .
 12, 13 17 , (74) (78)
 (40) . (78) (60) (78) 가
 . (36) (78) (36) (78) (78)
 (81) , (78) (74) (71) (80)
 , (36) (78) (36) (82)
 (83) , (82) (40) (40) (83) .
 (83) (E) (40) (40) , (40)
 .
 4 , (26) (68)가 . (68) , (26)
 (21) (68a) , (68a) ()
 26) , (30) (縱孔)(68b) . (30)
 (68b) (69) , (69) (30)
 (69) (107) , (107) (70)
 (69) (4) .
 (30) (27') (69) (108) 4
 . (21) , (27') , (27')
 (69) .
 , (E) , (13) (40) (56)가 (0)
 (6a) , (15) (6a) , (15) (55)
 (13), (15) . (15)

가 (6a) , (60) (61) 가 (21) , (26) (6a) (24, 25)

(21) 가 가 (26) (68) (68a) (21)
(68a) 가 (68) (68a) (氣液) (68b), (69), (70)
(4) (E)

(69) , (70) (107) , (26)
(27') (30) , (30) 가 가
가 (受渡)

(21) (68), (69) (70)
(4) (21)

(6a) (正壓) (61) 가 가
(55) (40) , (78) (74) (74)
74) , (74) (21) , (40) (74)
(74) , (78) (40) , (75, 76) (73, 73 ...)
(74) (21) (75, 76) (73, 73 ...)
(74) (78) 가 (40)

(74) 4 (73, 73 ...)가 , 2
(21) , (26) 18A 18F (E)
(75, 76) (73, 73)가 , 18A 18F (E)
(18A) , (18B), (18C),
(18D), (18E), (倒立) (18F) ,
(21) 6 (73, 73 ...) 가가 ,
(74) 가 .

OHC 4 (40) , (6a) , (61) ,
(E) (E) (6a) (21) , (40) ,
(E) 가 , 가
가 .

(40) , (6a) (21) (60),
(74) (40) (78) , (1) , (1)
(E) 가 .
(60) (78) (1) , (0)
가 , (60) (78) (36) ,

, , 가 가 .

(57)

1.

(1) (21) (26) , (68a)
 (4) (68) 가 ,

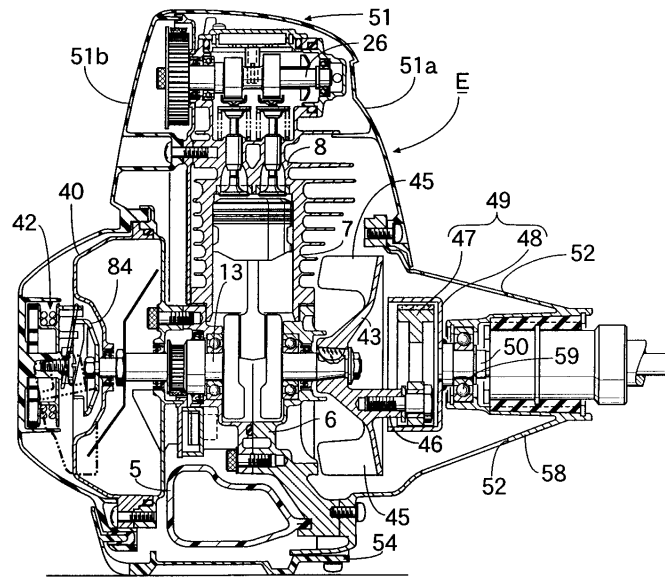
(1) (26) (27') (30) (着脫)가
 (30) , (30) , (68) (69) ,
 (107) , (69) (70)가
 가 .

2.

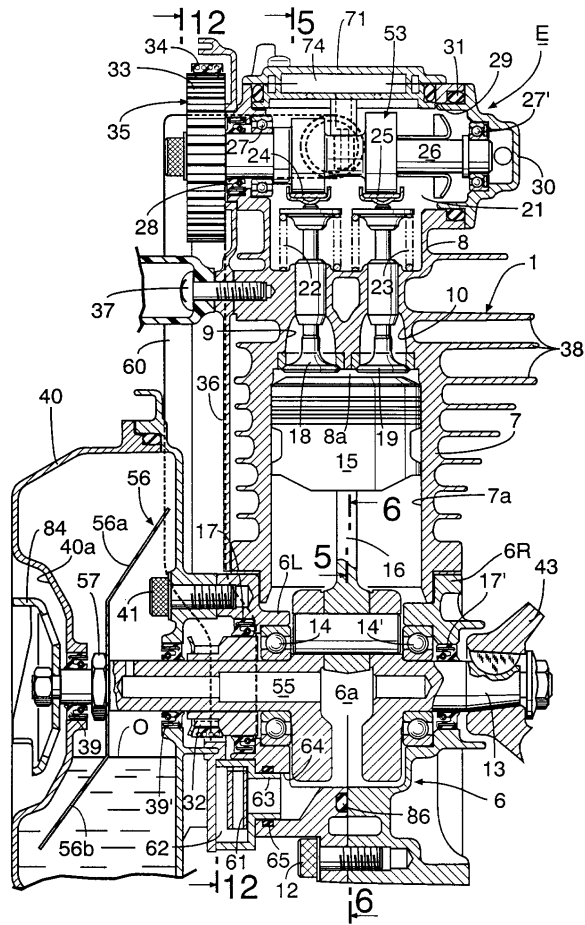
1 , , (69) (108) (27')
 가 .



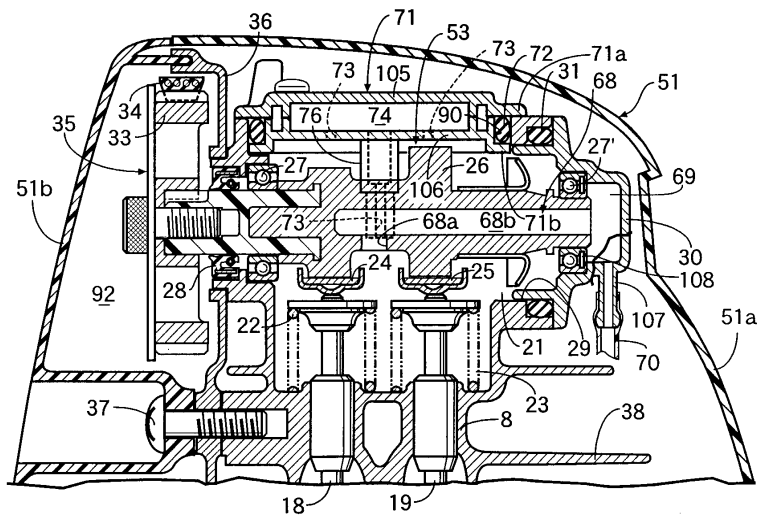
2



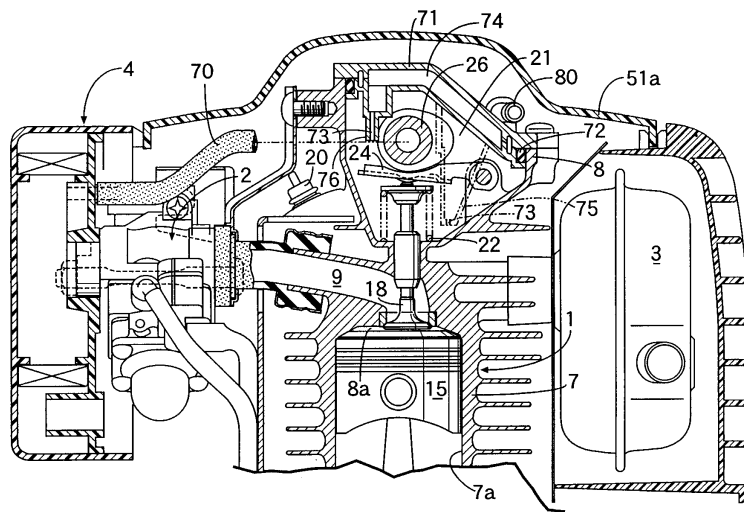
3



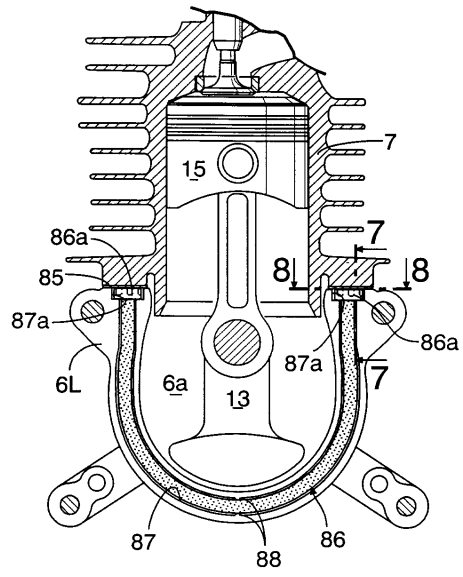
4



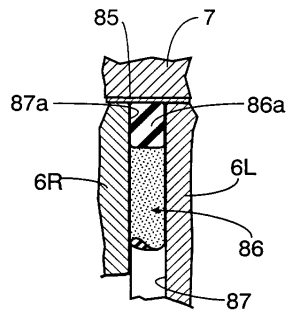
5



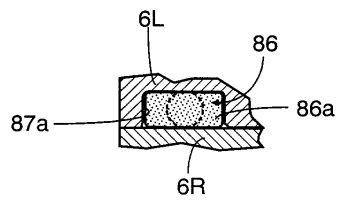
6



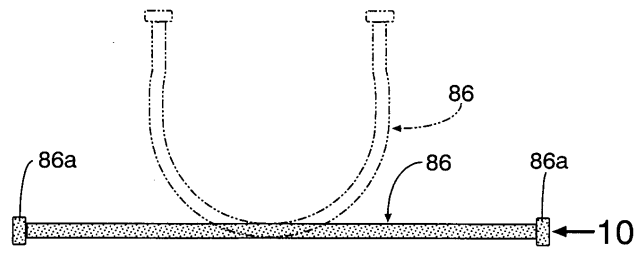
7



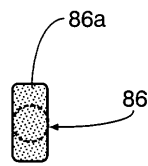
8



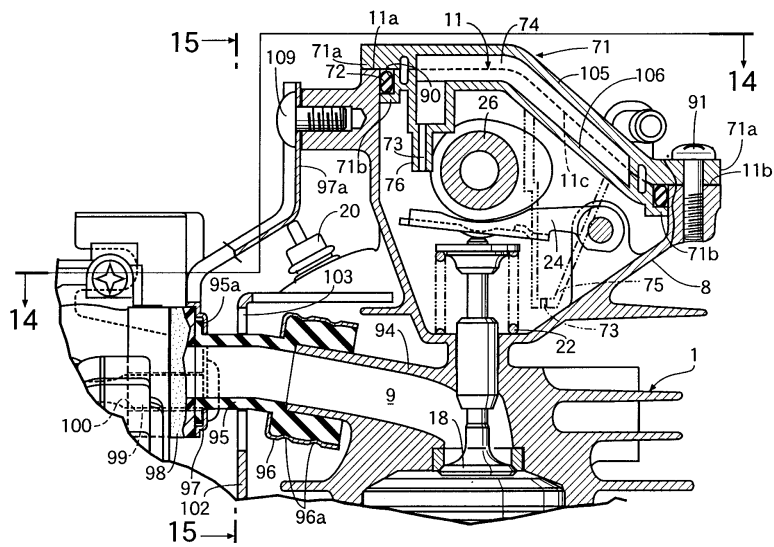
9



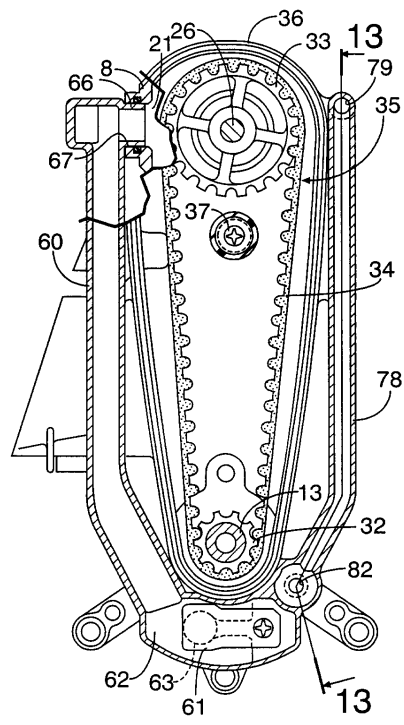
10



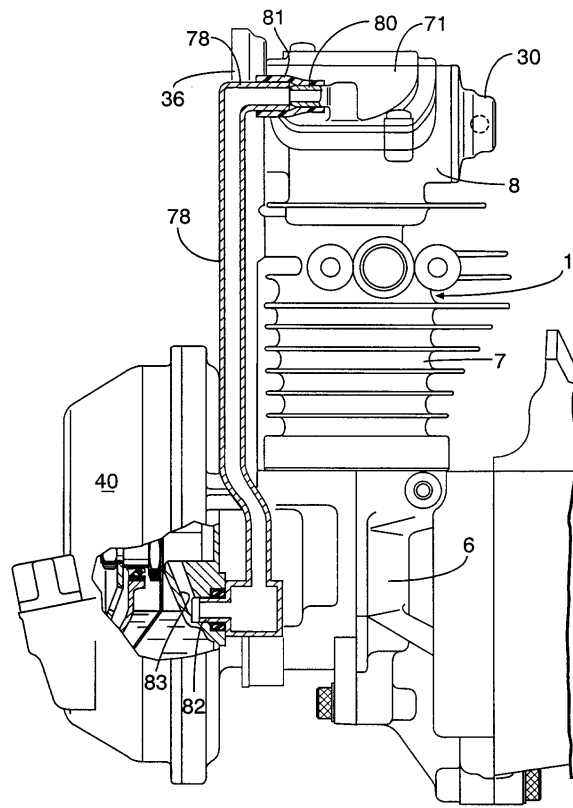
11



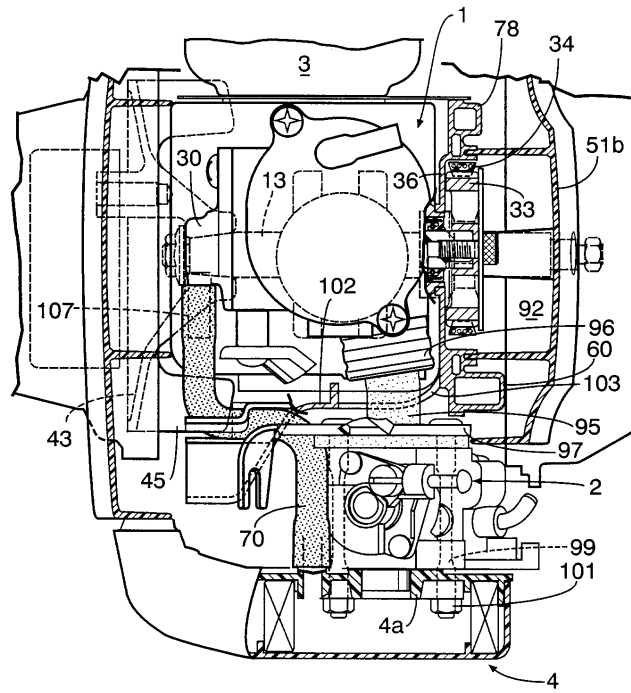
12



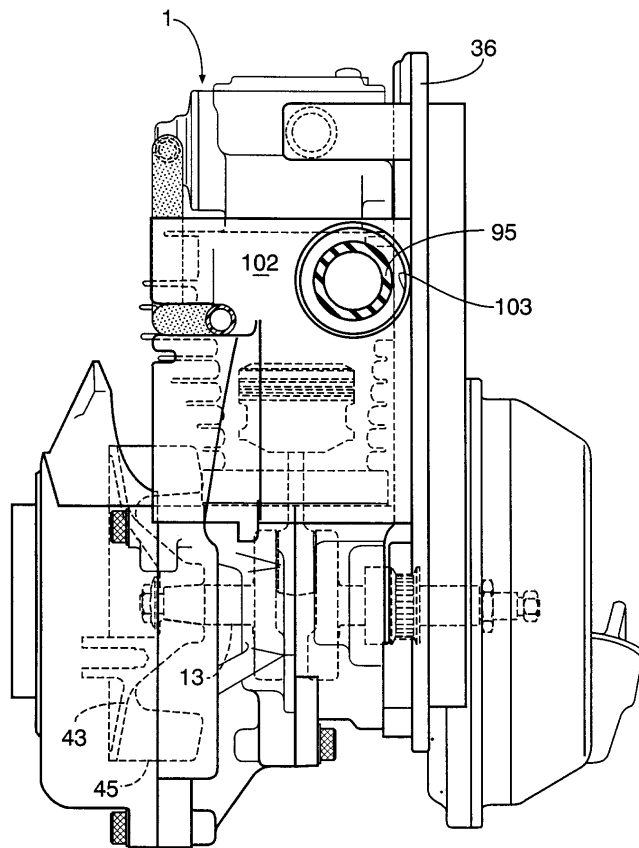
13



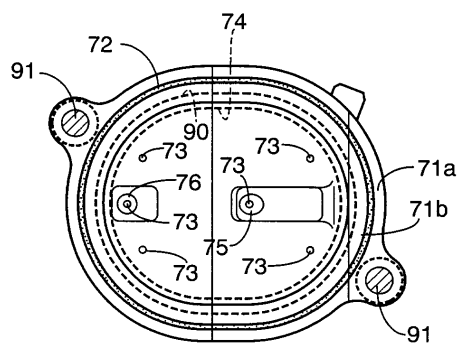
14



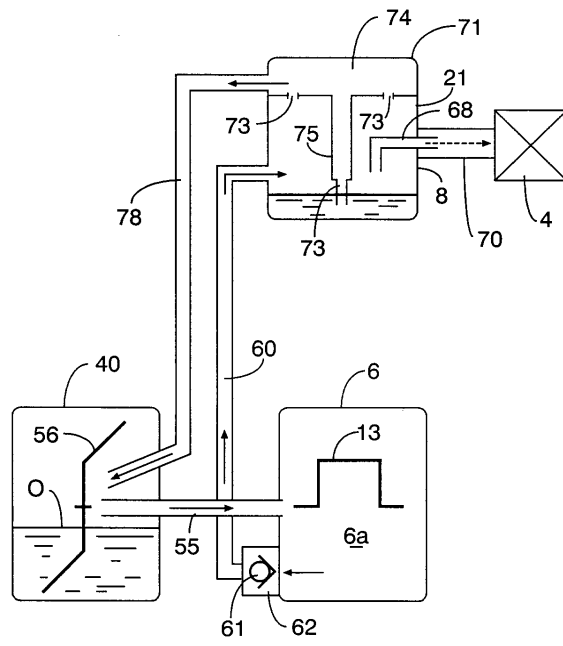
15



16



17



18

