

(19)
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(B1)

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2002 10 25

10 - 0309114

2001 09 04

(21)

10 - 1994 - 0014882

(65)

1995 - 0001152

(22)

1994 06 27

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1995 01 03

(30)

08/084,541

1993 06 28

(US)

(73)

19801

1300

1105

(72)

219

7713

(74)

:

(54)

, , , 가

, 가 , ,

, .

1

1

2

3 4

5 3 4

2 : 4 :

10,12 : 14,20,22 :

16 : 30 :

32 : 35, 36 :

40,42 : 44, 58 :

50a : 50, 50d :

(glove valves)
(seat sealing)

1020

(integral hard - faced metal seats)

3800psig

가

가

660

2300psig

(forged steel glove va

"

"

(stress - relaxation)

가

가

가

(22) (24) 1 , (26) .

(4) (28) 가 (flexible graphite) (30) .
 , " 가 " " 가 (30)
 . " " (expanded graphite) " (exfoliated graphite)"
 가 () " Grafoil" . , (pure)
 / 가 " " , 가 ,
 0- , ,

(4) (30) (32)가 . 1 2 , (30) 1 2
(32) (30) (34) (32) .

(32) (10) (35) , 1 2
 . 3 4 , 3 5 (36) ()
 38) (40, 42) (38) , 3 5
 1 2 , 3 4 (32) (35) (30) (10)
 (偏向) , (32) (35) (22)

(32) (36) (A) (46)
(44) (44) (26) (相補) .
(50)(1) (54) (4) , (32) ,
 . (50a) (56) , (32) (58) (56) (50a)
 2) (3) .

, (4)가 1 (58) (50b)(2)
 , 2 (34) (60) . 4
 (50d) (4) (6) (64) , (50d) (64) ()
 4) (32) (變位)가 , 3 (50c)
 (62) , (50) - (32)

, (30) (22) .

, (35) (30) .

, (30) " " , (32)
 #3 가 가 #21 (stellite)
 #3 (crack)

3 5 , 4 (32)가
 (44) (26) (30) (A) 60°
 2 3 4 가 (2) (32) (30)
 (5 W3), 1

(32) " " (26) (44) 가 (F)(5)
 가 (30) (38) 가 (G) (32) (30)
 가 (near - balance) 가 (30) 5 (22) (32) 가
 (36, 38) (同心) (W1) (32)

(32) (40) (35) (W3) ()
 70, 72 (42) (78) (W2)
 (74, 76)(5) (26) 가 (hypothetical continuation)
 (C) (44)

, (30) (T) (30) (H) $1/\tan(\ /2)$

$H/T = 1/\tan(\ /2)$

, =60°, H/T=1.73

가 W1, W2, W3 'C' (32) (C)

(10) (22) (4) (12) () (16)
 (44) (32) (16) (4) (22) (32)
 가 (26)
 (30)

(22) (32)
 가 (30) (32) (50)

(32) (16) (22) (50), (32),
 (30) 가 , (4) "
 (float)" (32) (30) " (live loading)"

3 , (62) 가

(shelf - like surface) 가 ;

가 , 가 ,
 가 가

가 ,

(先) - () " "

가

(57)

1.

;

;

;

가 ;

;

;

(偏向力)

가

2.

1 , (偏向) 가 ,

3.

1 , , 가 ,

4.

3 , - (frusto - conically shaped portion) , -

5.

3 , 가 ,

6.

4 , 60 °

7.

5 , 가 ,

8.

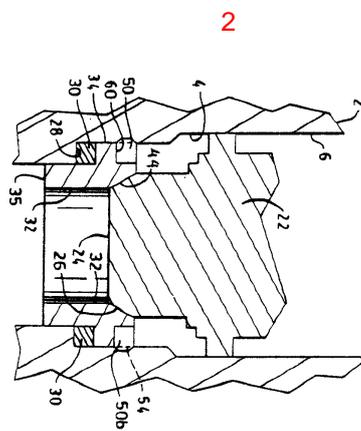
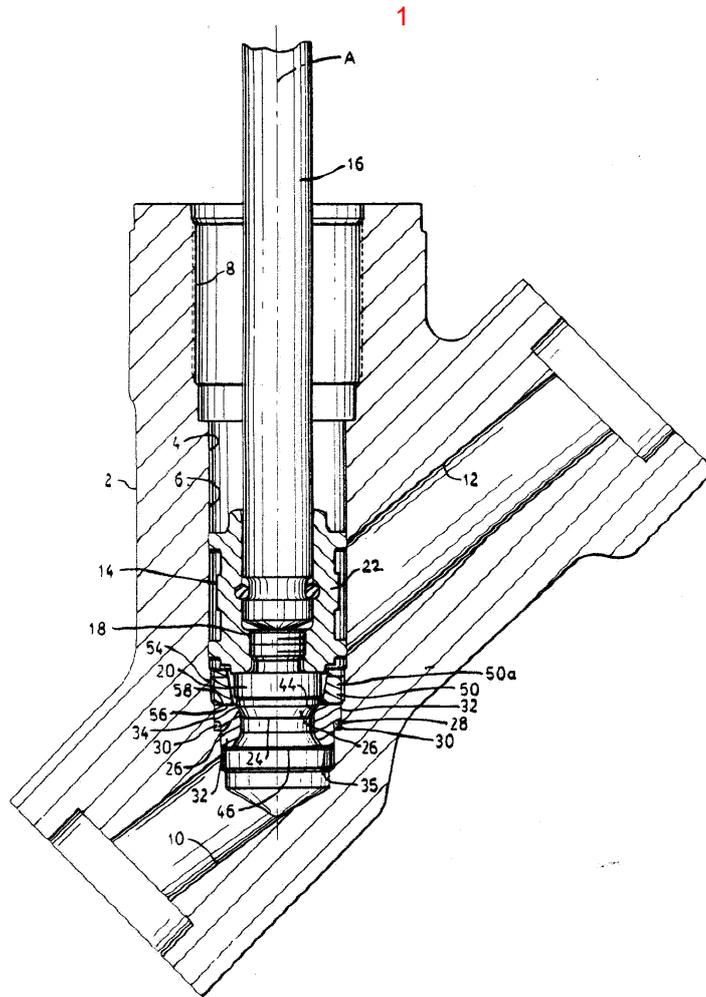
4 , - (相補)

9.

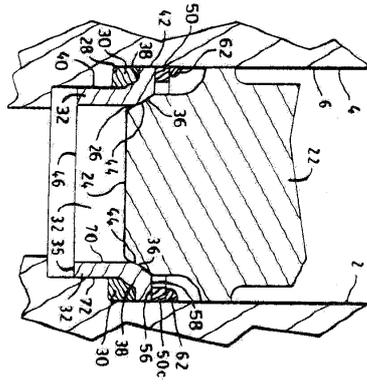
4 , (a partially conical and partially cylindrical configuration) , 가 ,

10.

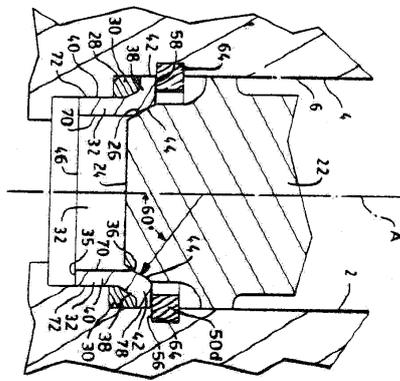
1 ,



3



4



5

