

(19) (KR)
(12) (B1)

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(11) 10 - 0334147
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(21) 10 - 1994 - 0029834 (65) 1995 - 0019951
(22) 1994 11 14 (43) 1995 07 24

(30) P4342424.4 1993 12 13 (DE)
G9409744.5 1994 06 17 (DE)

(73) - -

(72) 89551 15

(74)

:

(54) -

(5) , (REMA) (51) (5) ,

1

1 (Zoom - Axicon) ,

2a 2a ,

2b 2a .

*

1: (短) - 2:

3: 5:

13: 22, 23:

31, 32, 33, 34: 51:

100:

가
 sharpness) 가 가 가
 (edge
 가
 가

EP 0 297 161 A1
 가

가 가

1

가

2, 3 13 19
 DE 44 21 053.1 " " "

4 12

가 1993 12 13

DE 43 42 424

1

1

1 μm

365nm i- (短) - (1) (12) ,
(12) 2 (121) .

(13) (121) (12) (121)
5 20% 10% , , 2
가 가 가 . . .

UV

(2) , 1 (21), 1 (22), 2 (23) 2 (24)
 . (231) (241) (23) 2 (24) 가
 (22, 23)

가 () .

(3) 2 (4) 가 , (4) 0.5m (5)
 . (5) (51) ,

MA REMA() .

가 (51)

, 1 (6), (61), (64), (7) (, 偈 ,) (62), (7) (, 3m) (63 65)

2a 2b (1') - 가 , (光束)
 (21' - 24') 가 , (31' - 34')
 (31' - 34') .

, (31' - 34')

UV

4 (31' - 34') (41' - 44') 1 (511' - 514')
 2 (521' - 524') 가 . 가
 (31' - 34') (541' - 544') 가
 . (100') (541' - 544') .

(6') (521' - 524') (7') (71')
 . (71') (P) , (21' - 24') (541' - 544')
 2 .

(7') (72') (F) , (81') (8')
 가 . (REMA)

(8') 가

(9') P(93') , (91') (Inter - Masking - System)
 가 . (10) (F)

DE - P 43 42 424 2a 2b 가

(57)

1.

(51)

(5)

(51)

(5)

2.

1 , (1) (5) (24) (2) 가

3.

2 , (22, 23) , (22, 23)
 가

4.

1 , (1') (7') , 가 () 가 , , 2
 , , (1') , ,
 (21' - 24') , (31' - 34') , (10')
 , , (93') , (511' - 514', 521' - 524', 531', 5
 33'; 6') , 가 (93')
 (541' - 544')

5.

4 , (21' - 24') (31' - 34')

6.

5 , (541' - 544') (31' - 34')

7.

4 , (541' - 544') (511' - 533')

8.

4 7 , (93')

9.

4 7 ,

10.

4 7 ,

11.

4 7 ,

12.

1 7 ,

13.

1 , 2 , 3 ,

(22, 23) , (22, 23) (22) 2 (23) , (22, 23)

14.

13 , (22, 23) ()

15.

13 , (22, 23)

16.

13 , (22, 23)

17.

13 , (22, 23)

18.

1 7 , (2)

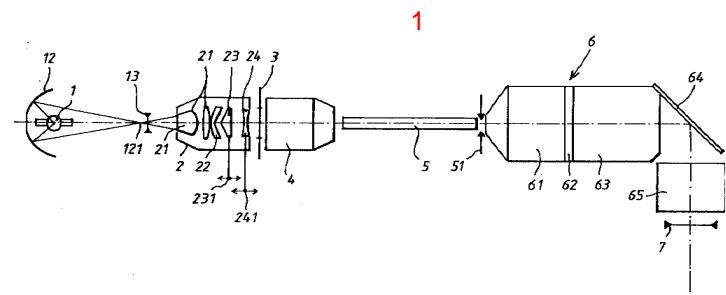
19.

1 7 , (1)

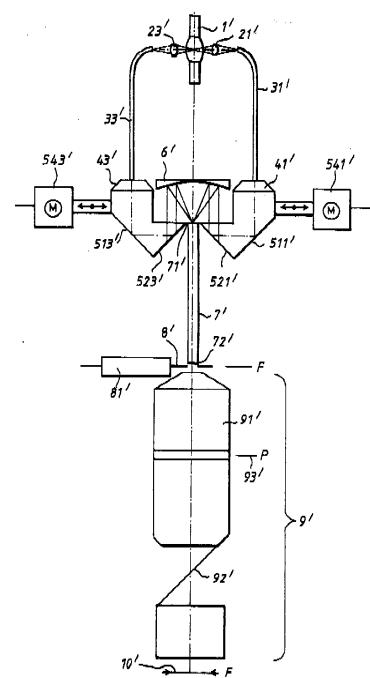
2 (13)가 (12) (121)

20.

1 7 , (51)



2a



2b

