

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

(51) 。 Int. Cl. <sup>6</sup> (45) 2002 12 02  
H01J 29/70 (11) 10 - 0335025  
(24) 2002 04 19

(21) 10 - 1997 - 0005952 (65) 1997 - 0063371  
(22) 1997 02 26 (43) 1997 09 12

(30) 96 - 65384 1996 02 26 (JP)

(73) 가 가 가 가 3 - 12  
가 가

(72) 가 7 - 28  
가 3 - 29 - 19 - 506

가 327 - 25

323 - 31

(74)  
:

(54)

R/B , -  
가 CRT ,  
2 ,  
가, 2 , 2 1 ,  
1 , 2 , 2 2 ,  
1 , 2 , 2 ,

1

1(A) B,G,R , (Z ) , CRT ,

1(B) C,G,R , (Z ) , CRT

2 가 Y ,

3 Z .

4 .

5 R/B .

6 .

7 Y .

8 Z , 7 .

9(A) 9(B) R/B 가 가 .

1 : 2 :

3 : 1 4 : 2

5 : 3 6 :

5a : 1 5b : 2

12,13 :

3가 R,G,B - ( - ) 3

,

가 가

R/B( )

T ), 3 3 , - 3 ( , - CR

1(A) 1(B) , 가

1(A) (Z ) , - CRT

, , , B,G,R .

1(B) (Z ) , - CRT

, , , B,G,R .

1(A) , - CRT(8) , 3 ( ) - CRT(8) (Z  
) - B,G,R 3  
, (G) 3 B,G,R .

1(A) , (3c) X 2 (3c,3c) 가 ,  
(3d) X (3d,3d) 가 (3c,4d) -  
CRT(8) .

" " " X" 가 1(A) , (3c,  
3d) 가 ( , ) , CRT(8) (Z )  
X - Y (3c,3d) ,

가 (Y ) , , Y  
가 가 .

, 1(B) , (4c) Y 2 (4c,4c) 가 ,  
(4d) Y (4d,4d) 가 (4c,4  
d) - CRT(8) .

1(B) (4c,4d) 가 , (X - Y  
) ,

가 (X ) , , X  
가 가 .

(3c,3d,4c,4d) 3 R,G,B  
 (3c,3d,4c,4d) ( )  
 , 가 , (3c,3d,4c,4d)  
 .  
 , 3 3 R,G,B  
 .  
 2 Y ,  
 3 2 Z .  
 (2) 가 (11) 가 (11)  
 ( ) , 2 (2) 2 (11a,11b)  
 (3) 3 (3a) 4 1 (3)가 1  
 , 2 (11a,11b) 2 (4)가 2 (4) 3  
 (4a) 4 . 2 3 , 7,8 (11a,  
 11b) . 6 . (11)  
 1 2 (3,4) , (3a,4a)  
 1 2 (3,4)  
 가 . CRT  
 ,  
 4 , 5 R/B  
 .  
 가 , 4 가  
 .  
 , 가  
 가 . 가  
 , 4  
 , X  
 X  
 , 5 (R) (B)  
 4 (R) (B) 가  
 R/B 가 (X) , 4  
 .

가

가 . ,

(1) 63 - 4053/1988 .

1

2

2

(2) 2 - 64146/1990

7 - 105206/1995 .

2

2가

, R/B

가

CRT

2

1

2

2

2

가

2

가

1

1

CRT

2

1

2

가 3 가 2 , 2 , 3  
 , , 1 , 2 .

가 .

6 ;

7 Y ;

8 Z , 7 .

6 8 .

RT , 6 (1) 가 C  
 ( ) .

( ;1) 가 (2)  
 (1) (12, 13) (2)  
 (12,13) (12,13)가 Z , 가 (1a)  
 Z (7) , 가 (1b) (8)  
 (1) CRT( ) .

(7) (8) (12,13) 가 .  
 (12,13) (7) 1 (3) 가 (8) 2 (4) 가 .

, (12,13) 3 (5) (12,13) .

3 (5) 가 (6) 1 (5a) 2 (5b) . (5a)  
 1) 1 2 (5a,5b) (6) (2) 1 (5)  
 a)가 .

, 1(B) , ( ) 가 .

(1,1) , (12,13) (7,8) 1 2 (3,  
 4) , (1)  
 , , , ,  
 (1) .

, CRT , (12,13) 1 (5a) (5a1) 3 (5)  
 , (z ) 2 (4) (2)  
 (6)가 .  
 , 3 (5)가 , (z )  
 (8) (6) .  
 9(A) 9(B) R/B  
 .  
 ) R/B R B (x  
 (3) . R/B , 4 1  
 B , 9(A) , R  
 4 R 1 (5a) , (5a1) , (6)  
 .  
 , (5a1)가 (6) (2) , 가 2 (5b)  
 (5a1) , 2 (5b)  
 .  
 , 9(A) , R , 4  
 , 5 , 4 R , 4  
 . R , 1 (5a) , 4  
 .  
 , , X , X  
 X  
 .  
 , 4 R , 4  
 R/B R 가 . ,  
 , R/B  
 , R/B  
 , R/B  
 , 가 가 , 가  
 ,  
 , 1, 2, 3 (3,4,5) 가  
 ,  
 , 1 2 (3,4) , (12,13)  
 ,

, 1 2 (5a,5b) (6) . R

(57)

1.

CRT , - 가  
2 ,  
2 , 1 2 , 2  
1 2 , 2  
2 .

2.

1 , .

3.

1 , .

4.

1 , .

5.

CRT , - 가  
2 ,  
2 , 1 2 , 2  
2 1 3 , 3 , 2  
2 1 ,  
2 .

6.

5 , .

7.

5 , .

8.

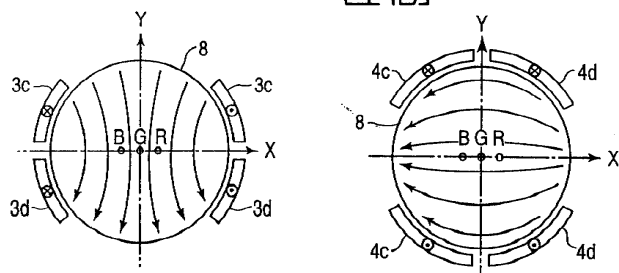


5

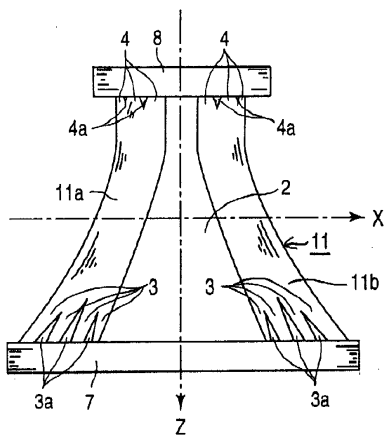
[A]

1

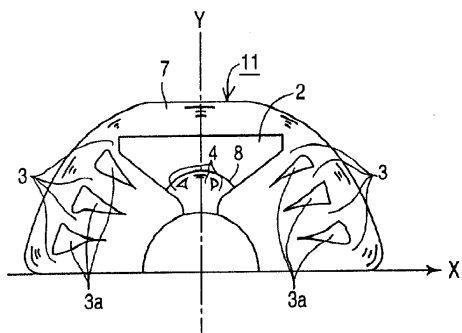
[B]



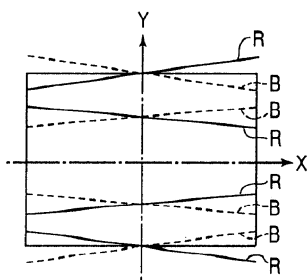
2



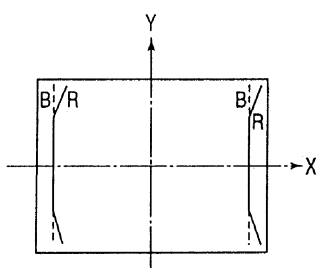
3



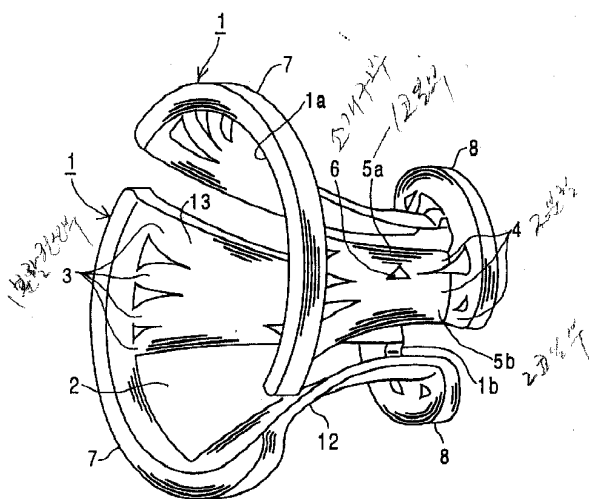
4



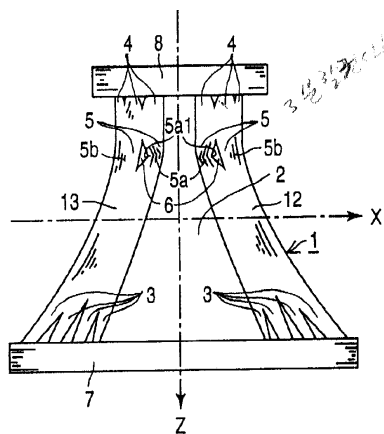
5



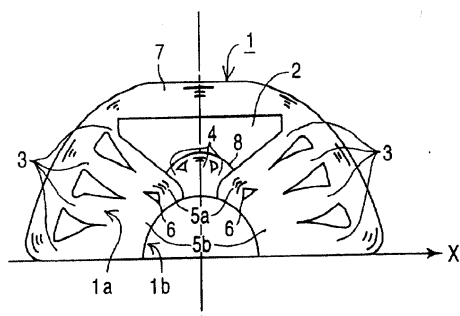
6



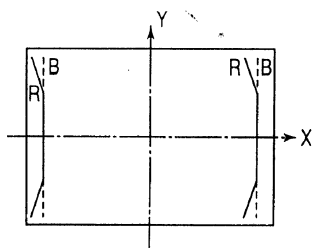
7



8



9a



9b

