

(19) (KR)
(12) (A)

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(21) 10 - 2001 - 0050480
(22) 2001 08 21

(71) 555 - 42

(72) 107 - 1203

(74)

(54)

(Projection television)

(16)가 (12) (14), (11) PCB (20) (11) (12)

PCB

- 1.
- 2.
3. PCB
4. PCB가
- 5.
- 6.
- 7.
8. PCB
9. PCB가
10. (가)
()
11.
(가)
()
(())
10. 11.
12. 12a.
13. 14.
15. 16.
17. 18.
19. 20. PCB

(Projection television)

가

가
(FBT)

PCB

(Focus pack)

(Fly Back Transformer; FBT, FBT .)

(FBT)

가

(screen)

(fucus)

가

1 3

1 , 2
PCB , 4

PCB

3

()
, (1)
, (1)

PCB

(1)

PCB (5)

(2)

(7)

(5)

(3)가

(1) ,
(2) ,
(4)가

(B), (G), (R)

(3)가

()

(2a, 3a)

가

(B, G, R)
(FBT,
(F - GND))

3

(R1 ~ R4)
(F - IN)

5

5 (3)가 , (1) (1)
PCB (5) PCB (2a, 3a)
(7a) (8) PCB (5)

(2)

(6a)

(8) 100

PCB 가 PCB 가 (3)
가 PCB 가 가 PCB
가 PCB

가

PCB

PCB

, 가 ,
" L " PCB

가 가 ,
PCB

,
가
PCB

, 6 , 7
8 PCB

,
(12a) (10)
(12) 가 (11)
(14) 가 , (12)
" L " PCB (11)
(20)

,
(14) 가 (15)

가 (11) (12) (R,G,B) PCB (13)
(12a) , (12) (20) (20)

, PCB (20) (20) (13) (13) () 가 P
CB (20)

, (14) 가 (11) 가

, 9 PCB가 , 10 (가)
, () .

(13) 가 , (10) (12) (12a)
 (14) 가 , (12) (14) (16) 가
 (15) (18) (17) 가

PCB (20) (B, G, R) 가 (21)

, (21) 100 2 30

, (12) (12a) (13)가 PCB (20)
 , (R,G,B) (21),
 PCB (20).

, (12) (14) (15) (16) (1)
8) (17)가 .

$$, \text{PCB} \quad (20) \quad (11)$$

(FBT)

¹¹ , (†) , ()

, (16) (16a) (JIG) (16) (16a)
 21) (21) (16a) 가 .

, 가 가 가 PCB PCB 가가

(57)

1.

(FBT) , 가
 (16) 가 (12) , (14) , (11) (11) (20) (20) (12)

PCB

2.

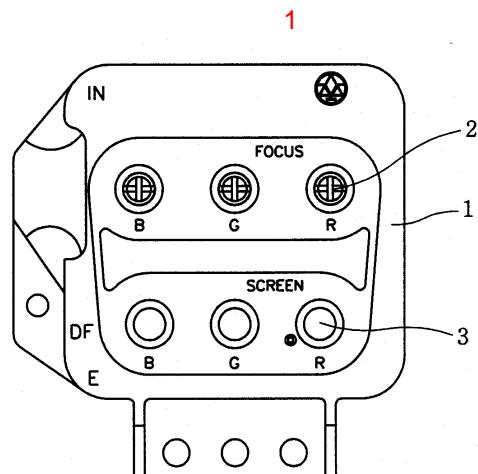
1 , (16) PCB (20) (19)

3.

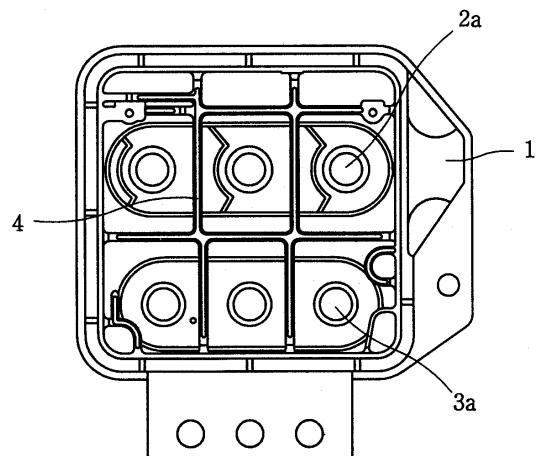
1 , (12) PCB (20) (B, G, R) 가
 (B, G, R) (21) 가

4.

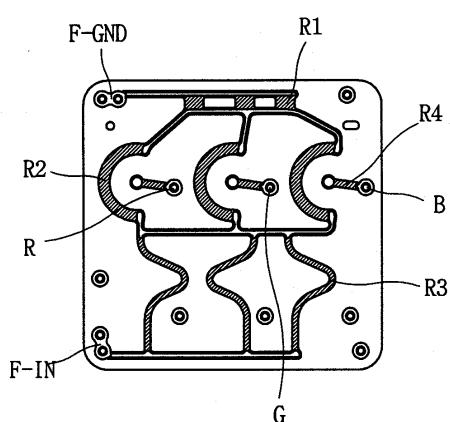
1 , (16) (11) (16a)
 (21)



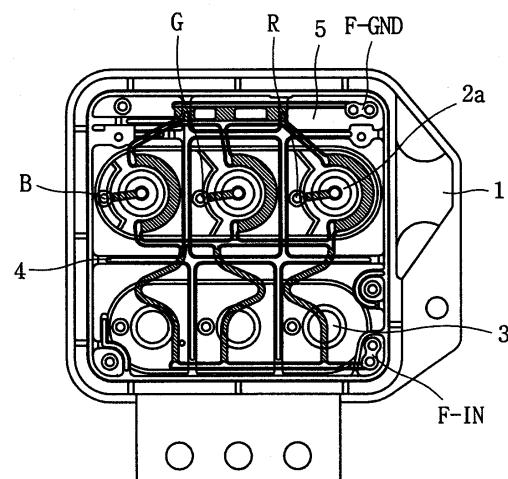
2



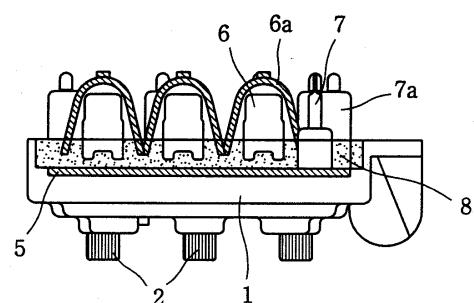
3



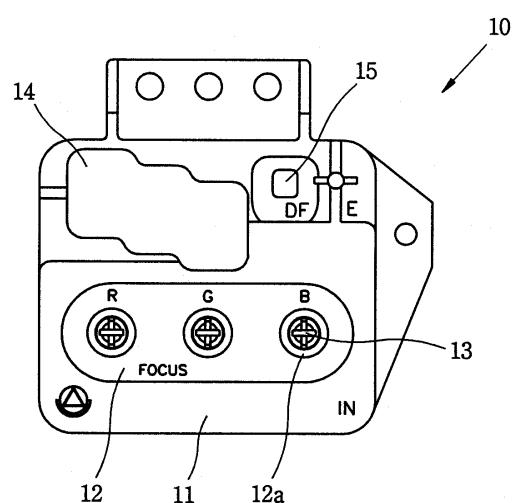
4



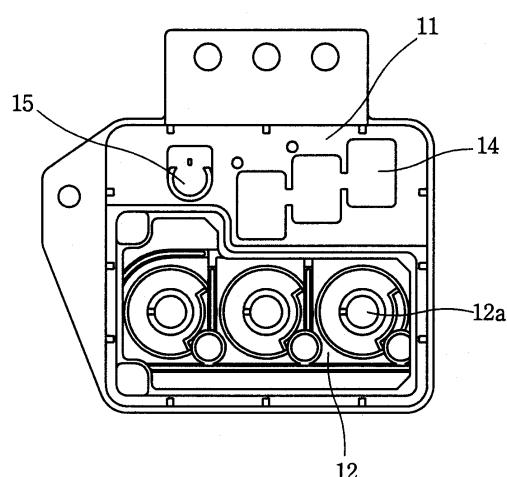
5



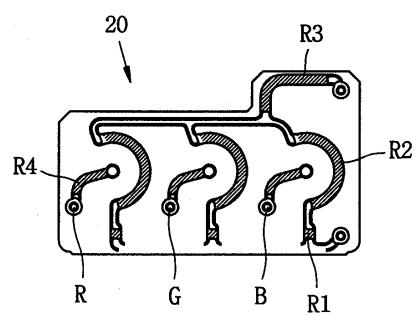
6



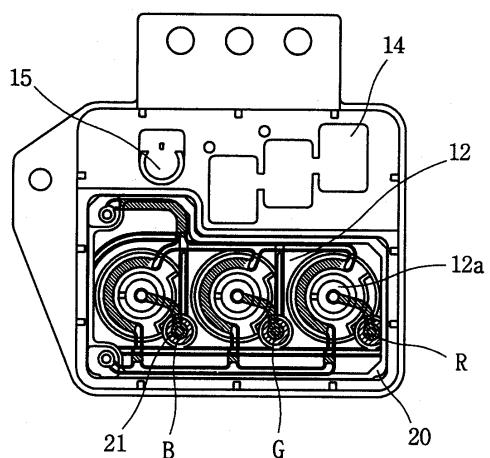
7



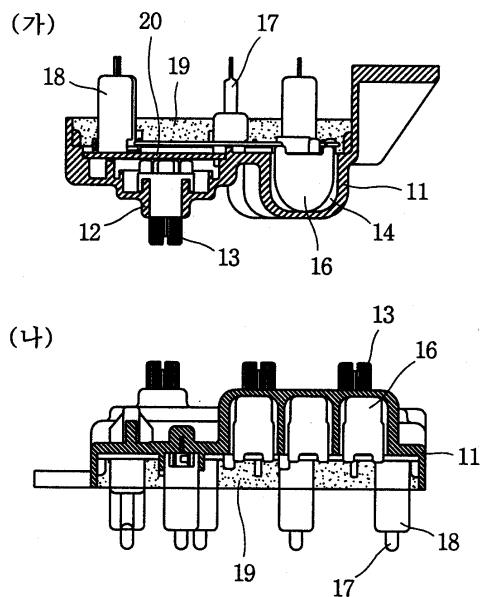
8



9



10



11

