

(19)  
(12)

(KR)  
(B1)

(51) 。 Int. Cl. <sup>7</sup>  
H04B 3/54

(45)  
(11)  
(24)

2003 02 06  
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(21) 10 - 2000 - 0010733  
(22) 2000 03 03

(65) 2001 - 0086822  
(43) 2001 09 15

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(54)

6

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4

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2 ,

3 ,

4 가 ,

5 4 ,

6 .

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10 : 11 :

12; 20 :

21, 51 : 1 2 IC 30 :

40 : 41 :

42 : DC 50 :

R1 R13 : 1 13 C1 C5 : 1 5

Q1 Q4 : 1 4 ZD1, ZD2 : 1 2

D1 : 1

가

(compact) 가 ,

가 , 가

가 , 가

가

가

가

1 (A) 2

4 , 2 , 2

3 1 (B) 1 3

(short)

2 3

2 , 3 가

3 3 가

가 가 가 가 가

가 가

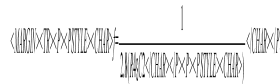
2

1 (Carrier)

2, (Bias) DC DC, 1 2, 3, DC 1 2, 가, 4 5, 가, (11) (12)가 (10); (10) (11) 가 1 (R1) 1 (Q1) (R3, R4), 1 (C1, C2) (Carrier) (20); 1 IC(20) 3 4 (20) 가 (Q2, Q3) 2 3 (R6, R7) (30); (41), 3 4 (C3, C4), DC (42) (40); (40) 10 13 (R10, R11, R12, R13), 4 (Q4), 2 IC(51) (50),

(40) (50) DC 1 2 (ZD1, ZD2), 1 (D1), 7 8 (R7, R8), 5 (C5)가, (10) (11) 1 (R1) (Q1), 1 IC(21) 4, 1 IC(21) 4 (R4) 1 (C1), 125kHz

1



1 IC(21) 가 4 가 7, 1 IC(21) 6 (a) 4 (High) 7 1 25kHz, (Low) 7 가.

1 IC(21) 7 (Q3) 5 (R5) 2 (Q2) (41) 3 가 (41)

(41) 3 4 (C3, C4) 가 DC DC (41) 3 4 (C3, C4) (42)가

가 (40)

(C5) DC 8 9 (R8, R9) (40) (50) 5 (R10, R11) 2 IC(51) (+) 10 (Q4) 4 (Q4) 가 (10) (Q4)가 / (12) 12 (R12) 4 (R13) 13

3 (b) 5 (C5) 8 9 (R8, R9) 2 IC(51) 4 (Q4)

2 6 가

(57)

1.

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가

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2.

1 ,

(Bias) DC DC ,

1 2

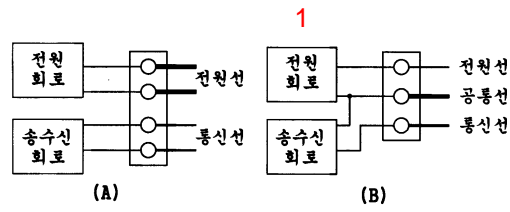
3.

1 ,

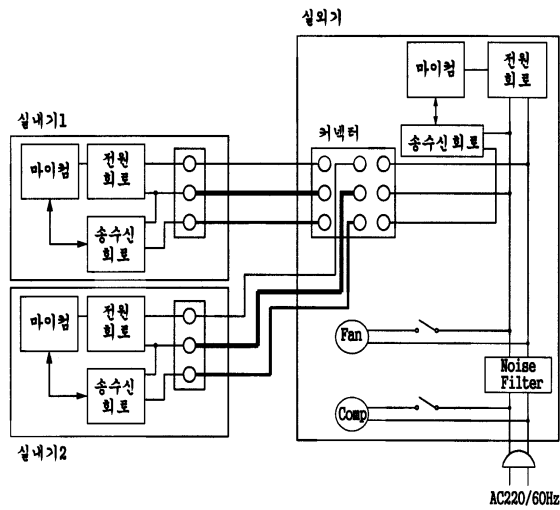
DC

1 2

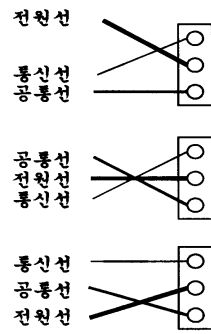
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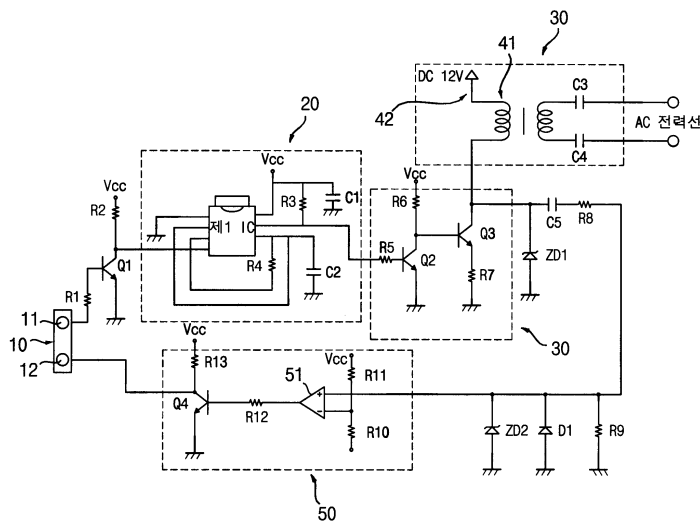
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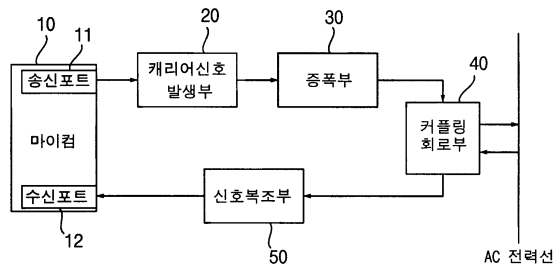
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