

(19)  
(12)

(KR)  
(A)

(51) 。 Int. Cl.<sup>7</sup>  
G09G 3/30

(11)  
(43)

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2003 08 09

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(22) 2003 01 30

(30) JP-P-2002-00026130 2002 02 01 (JP)  
JP-P-2003-00022024 2003 01 30 (JP)

(71) 가 가 2 4-1

(72) 가 3-3-5 가 가

(74)

:

(54) , ,

1

1 EL , (a) , (b) EL  
(30)

2 EL

3 EL

4 EL Eout .

5 EL .

6 EL , (a) , (b) EL  
(30) .

7 EL , (a) , (b) EL  
(30) .

8 EL (100) .

9 8 .

10 EL (140) 가 .

11 .

12 .

\* \*

10 :

20 :

30 : EL

40 :

50 :

60 : EL

30a :

30b :

30c :

30d : (selector)

100 :

110 : ( )

120 :

130 : EL

1100 :

1102 :

1104 :

1106 :

1300 :

1302 :

1304 : (受光)

1306 :

1308 :

1312 :

1314 :

1430 :

1440 :

가 , EL( ) , EL 가 ,  
 가 , EL , 10 가 ,  
 가 , EL , 300cd/m<sup>2</sup> , 1  
 , 11-154596 11-214257 ,

1



R, G, B( ) 3

EL  
 ( , EL )  
 EL EL  
 8 6 20 ) ( 137 ) ( 松本正一 ) , 가 가  
 , 2  
 EL

EL

< 1 >

1 (a) EL CCD , C-MOS  
 (10), ADC( ) (20), EL (30), DAC( (50),  
 ) (40), EL (30) , 1 (b) (30a),  
 EL (30b), (30c), (30d)  
 (10) , EL (60)  
 0) , EL (3

EL (60) , R( ) , G( ) , B( )  
 EL R( ) , G( ) , B( ) R( ) , G( )  
 , B( ) EL

EL (60) (10)  
 Eout ADC(20) ADC(20) EL (30)  
 가 가 (30a) , h (30b) (30)  
 Eout (30b)  
 (30d) 가 (30d) ,  
 (30c) Vref가 Vref h DAC(40) ,  
 C DAC(40) , Vref (50) DAC Vref h (50) DA  
 EL (60) 가

alibration)) (SIO: YES S20). (S10), (c)  
 ) , G( ) , B( ) Vref 1 (b) (30b) , R(  
 (S30 S80).

EL (60) R( ) , G( ) , B( )  
 R( ) , G( ) , B( ) EL R( ) , G( ) , B( ) 1

< 2 >

1 (30) 1 (b) 1 (a) Vref EL

1 (SIO) S120). (S20). R( ), G( ), B( ) Vref Eout (EGtgt, EBtgt, ERtgt) (Rstep, Gstep, Bstep) VrefR, VrefG, VrefB

4 (Red) (S50: YES), (S50: NO), ER(Eout) VrefR (S60). VrefR ER Rstep 가 0.9 1.1 Vref VrefR Rstep 3 Vref (S70 S120).

ADC(20) (50) DAC Vref DAC(40) Eout

(50) DAC 가 Vref 가

6 (30a) Eout ADC(20) EL (30b) (30d) 가

(70) 가 DAC (30d) DAC EL Voel (30c)

7 Eout ADC(20) Eout 가 (30a) EL (30b) 가 (30d)

ut가 EL m (50) (80) DAC (80) io

6 7 5

EL EL 가

< >

EL (100) 8 8 PDA (100) ( ) (110)

(120) EL (1)

30) (120) , (120) ,

(120) EL (130) 9 (140)( 가

) (110) 9 (140) (140b)

EL (130) (140a) (120) (140b) (140a)

(140) 가 (100) (140b) (140a)

(140) 가 , 10

EL

, R, G, B( , , ) 3

< >

EL 가 11 (1100) (1102)

(1104) (1106) (1106) EL

12 EL 12

(1300) CCD(Charge Coupled Device) (1300) (1302) EL

EL 가 , CCD (1302) ( )

CCD (1304)

가 EL (1306) CCD (1302)

가 (1308) (1312) (1314)가 (1308)

1314) (1440)가 (1430) (1440)

EL 가 11 12 (car navigati on) (viewer), (pager), POS , EL

(57)

1.

2.

3.

4.

5.

DA

DA

가

1

3

R( ), G( ), B( ) 3

3

1

3

R( ), G( ), B( ) 3

3

3

R( ), G( ), B( )

3

6.

1 ,  
 ,  
 R( ), G( ), B( ) 3  
 3 , 3  
 R( ), G( ), B( ) 3  
 , 3

7.

1 3 ,  
 가 가

8.

1 3 ,  
 가 ,

9.

1 3 가 .

10.

, ,  
 1 ,  
 2

11.

, ,  
 , DA ,  
 1 ,  
 1 DA 2

12.

, ,  
 ,  
 1 ,  
 1 2

13.

11 12 ,  
1 , R, G, B( , , ) 3

14.

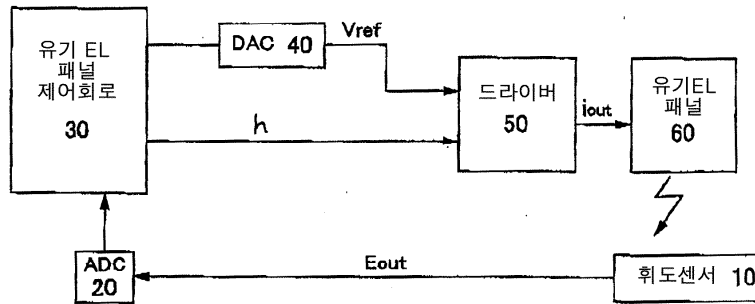
10 12 ,  
1 ,  
가

15.

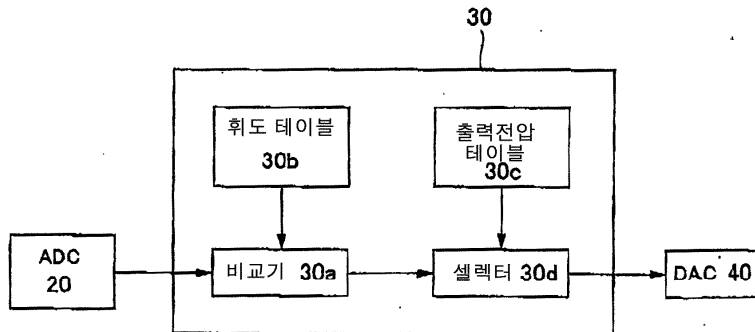
14 , 가

1

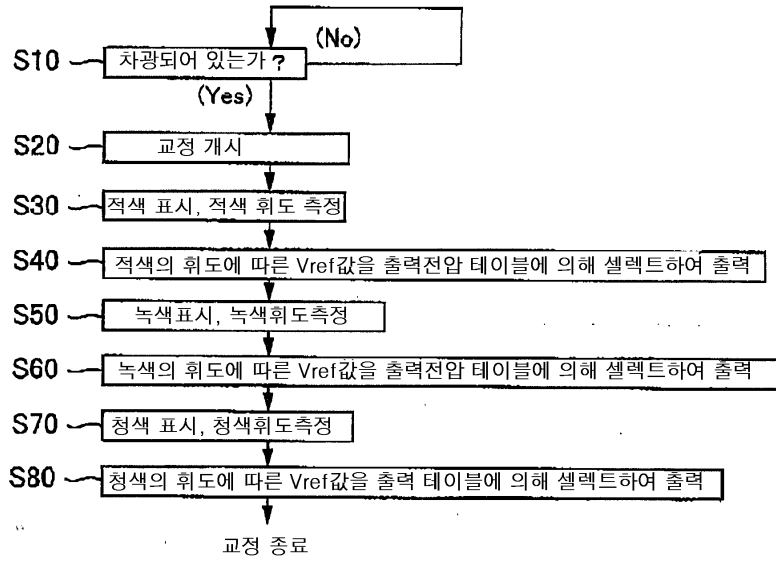
(a)



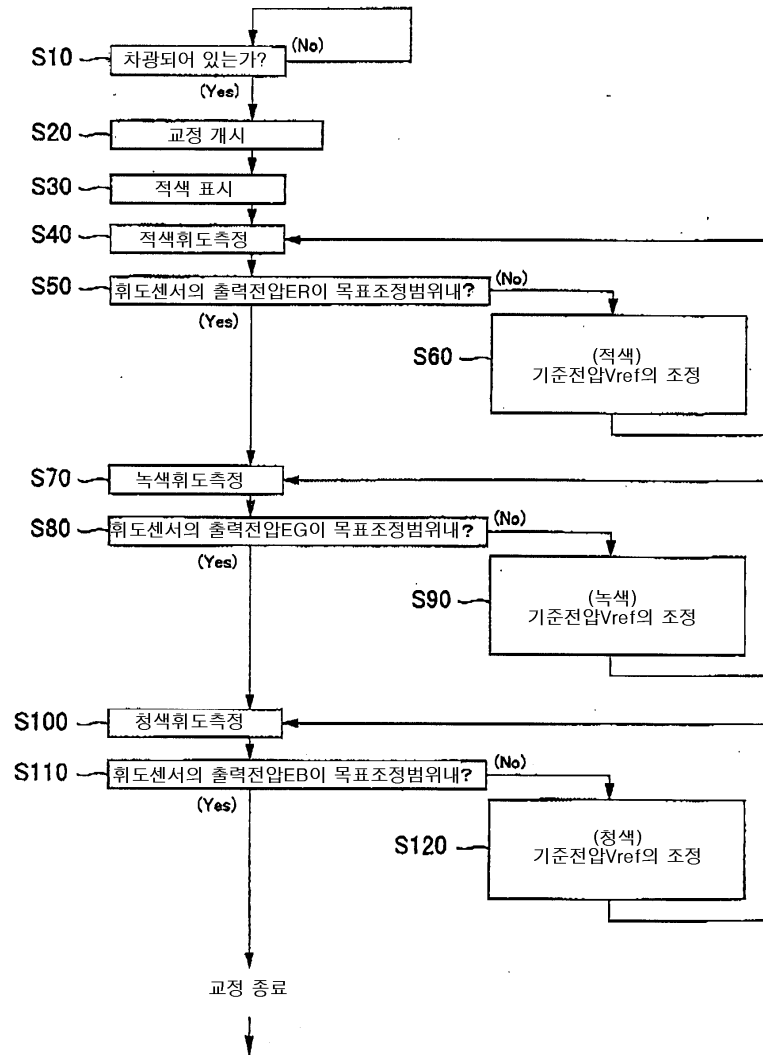
(b)



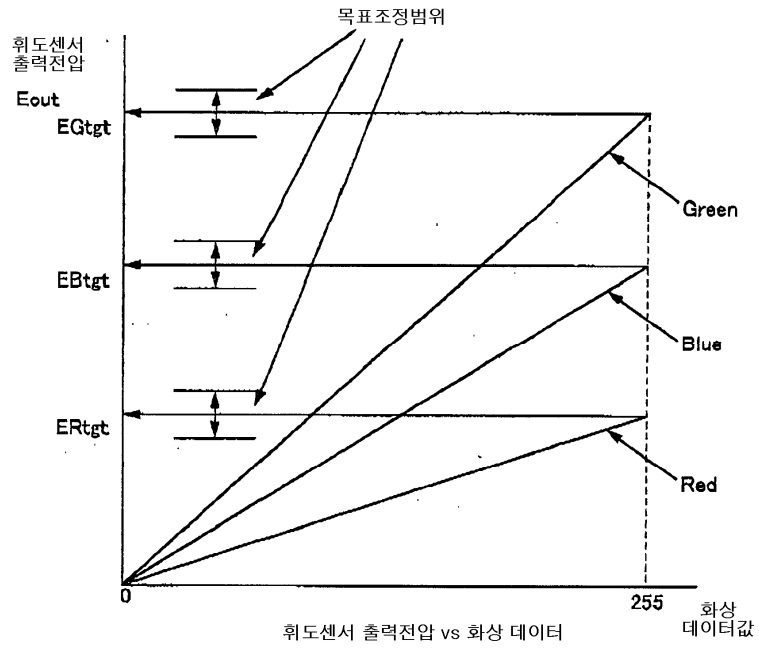
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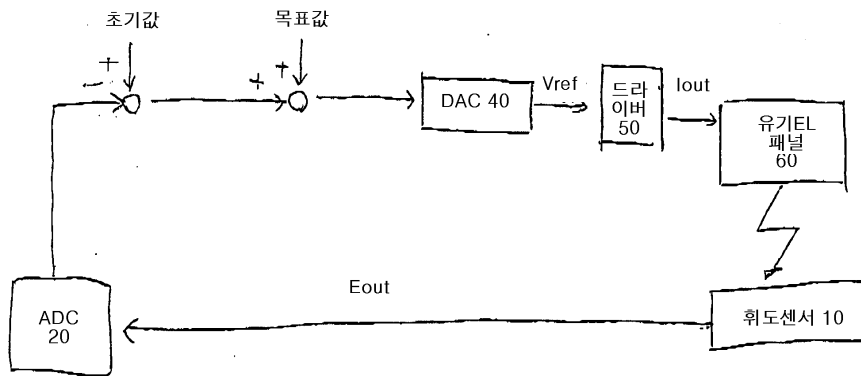
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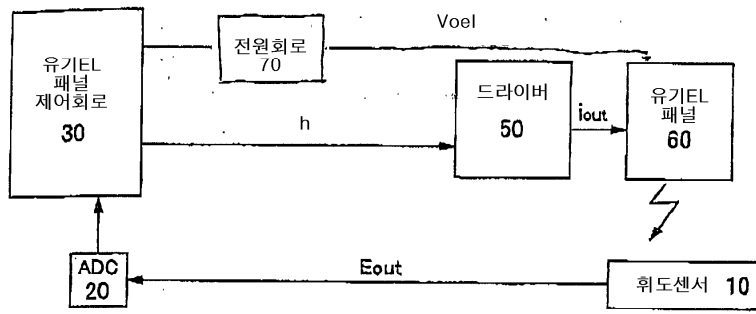


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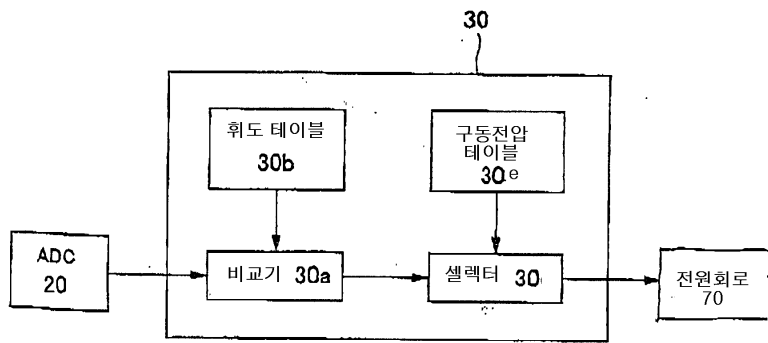


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(a)

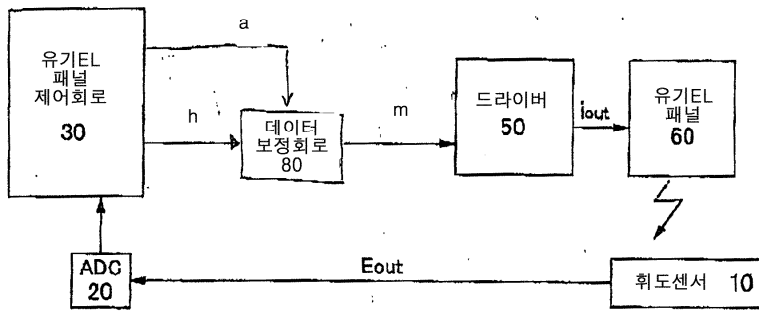


(b)

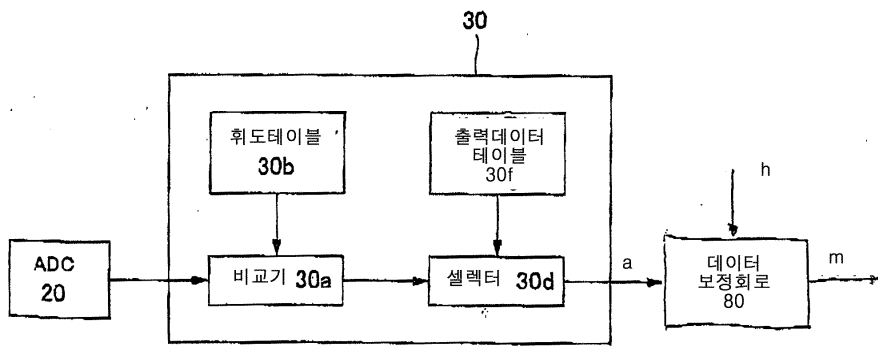


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(a)



(b)



8

