

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

(21) 10 - 1999 - 0040026 (65) 2000 - 0028694
(22) 1999 09 17 (43) 2000 05 25

(30) 98 - 268573 1998 09 22 (JP)

(72)	가		
	가 가	8가	가

(74)

1

(54) 가 ,

가 . 가

$$(12) \quad , \quad (11)$$

가 . 1 , 1

1 1

2 1

3 1

4 1

5 1

6 2

7 6

8 2

9

10

<

11 :

12 :

13 :

14 :

15 :

21 :

22 :

23 :

106 :

107 :

108 :

111 :

112 :

120 :

121 :

가

10

가

$$(101) \quad (103) \quad , \quad (120) \\ (112) \quad (114) \quad .$$

, (109) (108)
(109) 가 가 가 , 가
(105) (106) (113)

가

가

,

1

,

가 가 가 .

1 1 . 1 , "11" , "
12" , "13" (11) (12) . 1 , "21"
 , "22" , "23"

2 (13) . , (13) "32" (12)
, (12) 2 , "H()" "L()" . ,
, 3가
"33" (11) 1 5 가
, "34" (12) . ,
"35" (11) 가 6 ,
"36" (11) 가 1 7 가
, "37" (12) .

, 3 5 (11) 가 1, (13) 1 . 5 7
5 가 1 .

22) , 3 1 1 . 1
 , 3 3 (a) 0 (13) (11) 6 3 (b)
 . , (11) 6 .
 3 (d)

, 4 (a) . (12) , 4 (b) (12) (11) 1 1 5 1 , 4 (b) (13) 4 (b) .

, (12) 4 (b)
, (11) 6 , (12) (23)
(11)가 1 5 1 (23)
, 6 , (23) 가
.

5 (a) . (12) , (12) 5 (b) (13) (11) 가 1 1 7 가 ,
 (12) 5 (b) .

, (12) 5 (b) 4
 , (11) 6 , (12)
 (11)가 1 7 가 , 1 (23)

가 , 6 , 가 (23)

$$6 \quad \begin{matrix} 2 \\ & 1 \\ & & 1 \end{matrix} \quad \begin{matrix} . & 1 \\ & \text{(phase shifter)} \end{matrix} \quad \begin{matrix} . \\ (11) \\ (12) \end{matrix} \quad \begin{matrix} (14) \\ (14) \end{matrix} \quad , \quad (14)$$

6 (d) 가 (14) , (12)

, 7 (a) . . , 7 (b)
 (13) (12) (11) 1 5 가
 (12) 7 (b)

$$\begin{array}{ccccccccc} , & & (12) & & 7 & (b) \\ & (11) & & 6 & , & & (12) \\ (11) \nmid 1 & . & 5 & , & 7 & (d) & & 1 & (23) \end{array}$$

, (12) (14) (14), (11) 7 (e)
1 1 , (14) 1
5 가 1
7 (f)

, 7 가 , 가
1 (14) 1

9

. , 10

4

9 , "101" , "102" , "103" , "104" , "105" , "106"
 (105) , "107" , "108" , "109" , "110" , "111" , "112"
 (120) , "114" (107), (108), (111) (121)

(101)
 (120) , (103)
 . , (112) 가 , (114)
 (120) (106) (120) (121) (121)

, , 가 ,
 가 , .

(57)

1.

1 ,
 가 .

2.

1 ,
 , 가 .

3.

, ; , ;

1

4.

1

5.

3 4 ,

6.

2 가 ,
가 .

7.

3 ,
1 가

8.

9.

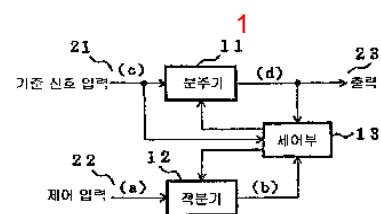
1

가

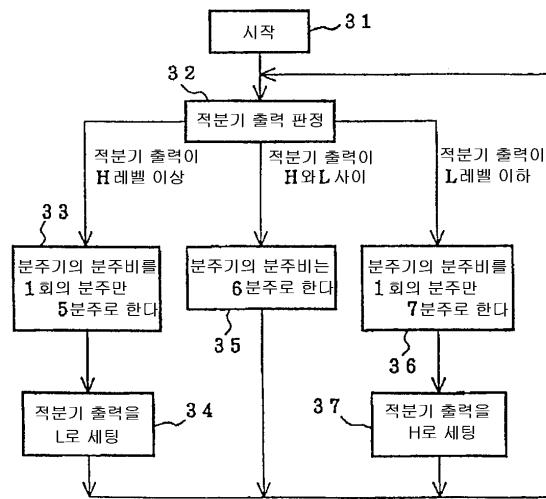
가

10.

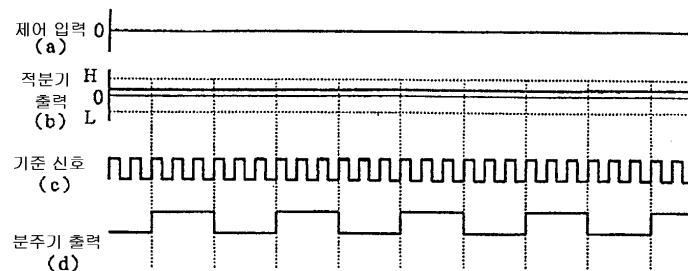
9



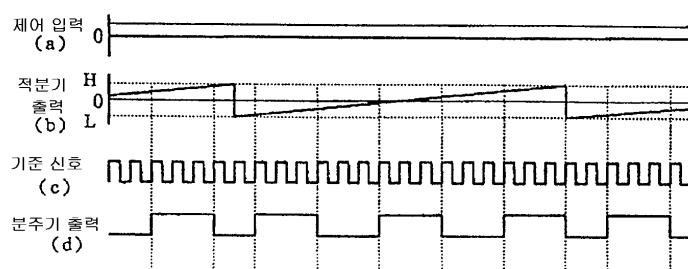
2



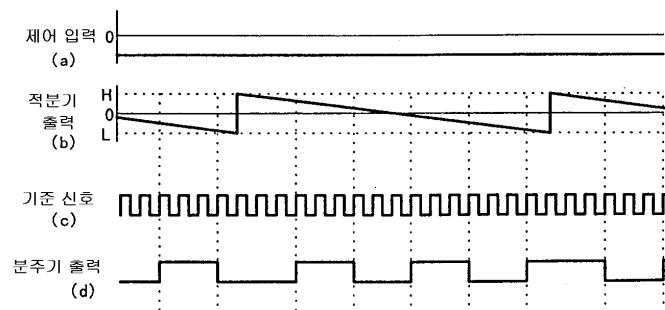
3



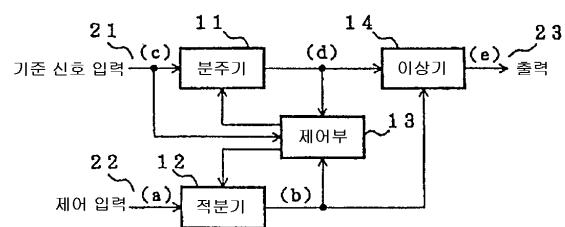
4



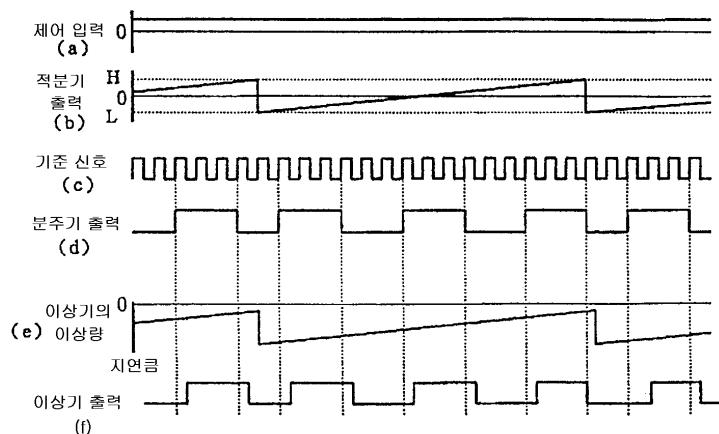
5



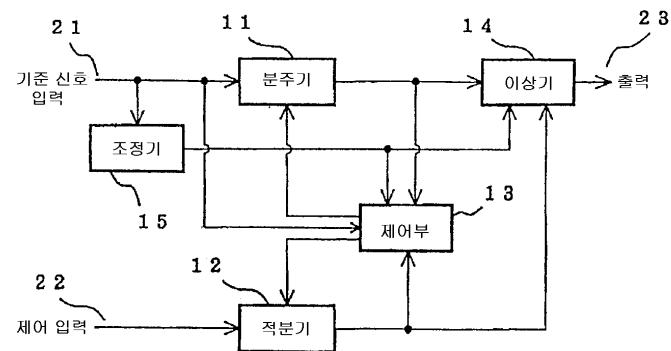
6



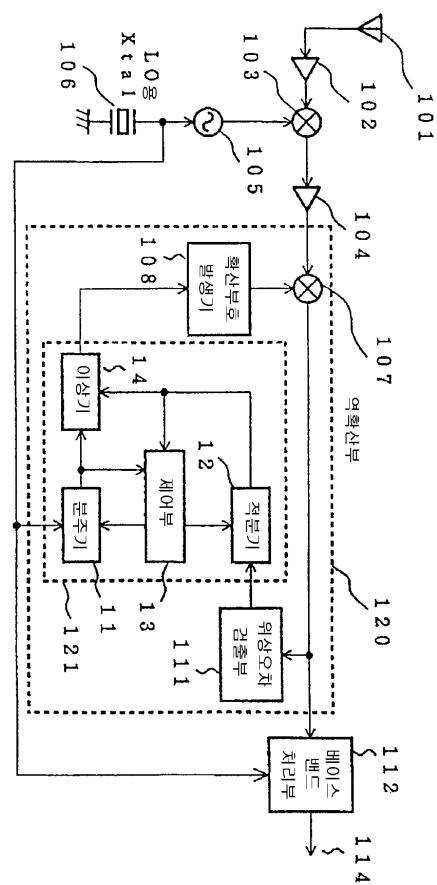
7



8



9



10

(총래 기술)

