

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

(51) Int. Cl.⁶
 G10H 7/00

(45) 2003 08 14
 (11) 10-0386403
 (24) 2003 05 22

(21)	10-1996-0047701	(65)	1997-0022954
(22)	1996 10 23	(43)	1997 05 30

(30) 95-297272 1995 10 23 (JP)

(73) 가 가
10 1

(72) 10 1 가 가

(74)

:

(54)

가 ,

가

가

1

1
 2 1
 3
 4
 5(a) 5(b) MIDI
 6 MIDI
 7
 8(a) - 8(d)

9(a) 9(b) /
10(a) 10(b) ,
11
< >
1 : CPU 2 : ROM
3 : RAM 4 :
5 : MIDI 6 :
7 : 8 :
9 : 10 : DMA
11 : DAC 12 :
13 : MIX 14 :
15 :

CPU 가
CPU
()가 . .
Interface), () CPU MIDI(Musical Instrument Digital
Interface),
CPU ,
CPU 1995 5 19 2 ()
08/649,168 7-144159 1996 5 17
MIDI
2 가 .
CPU /
, CPU
DA
CPU
,

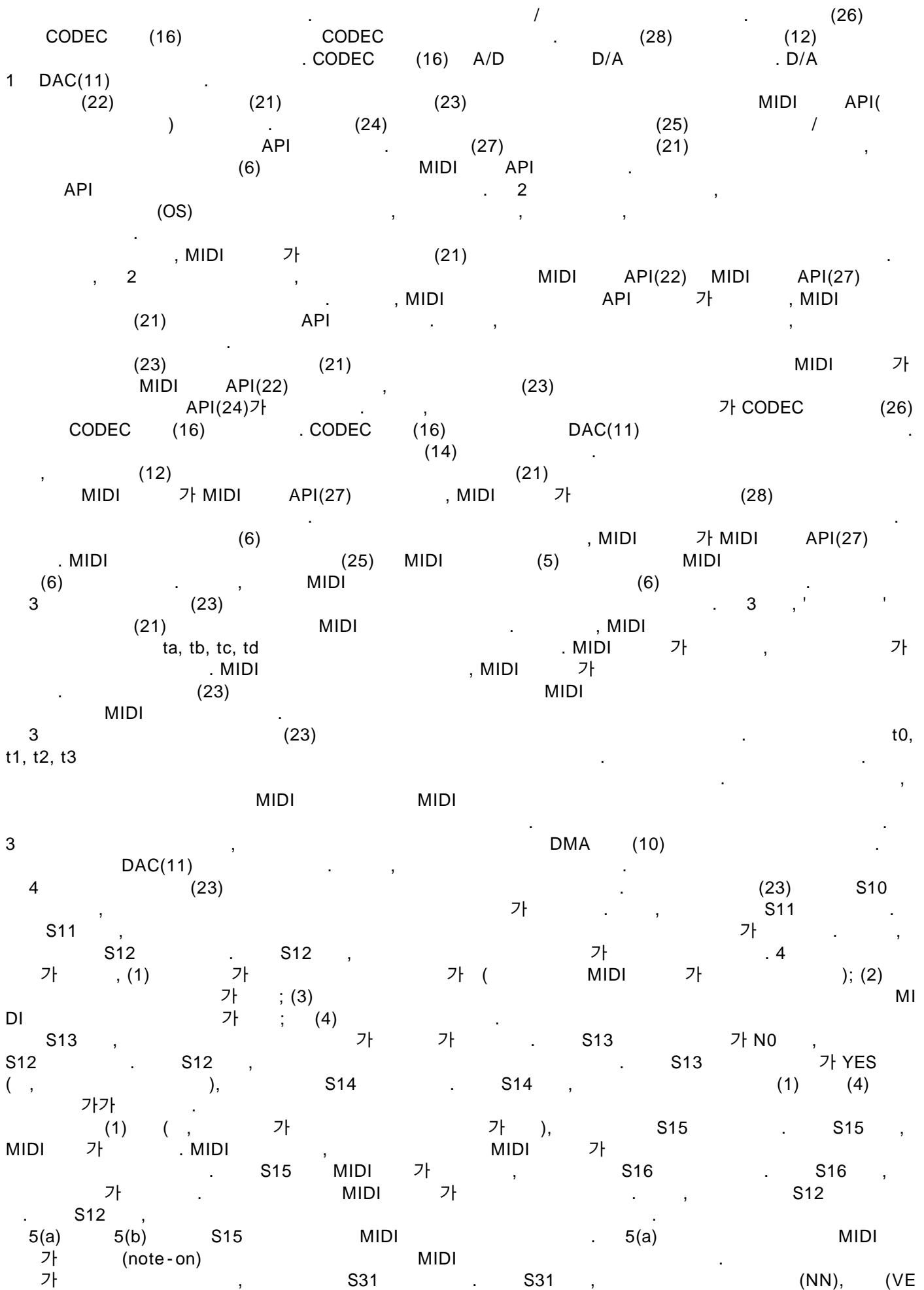
가
가

가 , 가

(,)

가

(21)	MIDI	MIDI	(23)
(25)	(MM)		



L), (t)가 S32, 가 TM (NN) TM
 , (i)가 (t) (TP(t))가 (NN) (VEL) (NN) S33 S33
 가 (TM)가 i
 5(b) S41 가 (note-off) (NN) TM
 가 S42 S42, 가 (NN) TM
 4 가, (i) (TM) i (2) (S14), (S15), (ch)
 S18 S18, (MIDI) S17
 S12 S12, 1 CPU
 FEG AEG LF0, G, EG
 LF0, AEG F, EG가
 가
 FEG AEG
 가
 7-144159
 S14, (3)(, 가, S20, / 가) S15, MIDI S17
 S19 S19, S20, / 가, S12, 가
 20
 S14, (4)(, S22, MIDI) S21, 가
 6 CPU(1) API(22)가 (MIDI) (MIDI) (21)
) 1 MIDI (23) 가, (21) (21) (21)
 MIDI
 7 (21) (21) (21) S61
 가 S63, 가 S62, S62, S63
 S65, S65, S64, 가
 ; (3) ((1) / ; (2)
 S65, 가 (3)(,) (4) S91, S90
 가 S63, S63, S63, S91, S90
 (8) 가 S90, 가
 가 S65

2.

1 ,

3.

1 , 가
가
가

4.

1 ,

,

5.

1 ,

6.

1 ,

,

7.

1 ,

,

8.

, ;

:

, ;

, ;

,

9.

8 ,

10.

8 ,

가

,

가

11.

8 ,

,

12.

8

,

,

13.

8

,

,

14.

8

,

,

15.

가

가

,

,

;

;

,

,

,

가

16.

15

,

가

17.

15

,

가

가

,

가

가

18.

15

,

,

가

19.

15

,

,

가

20.

15

,

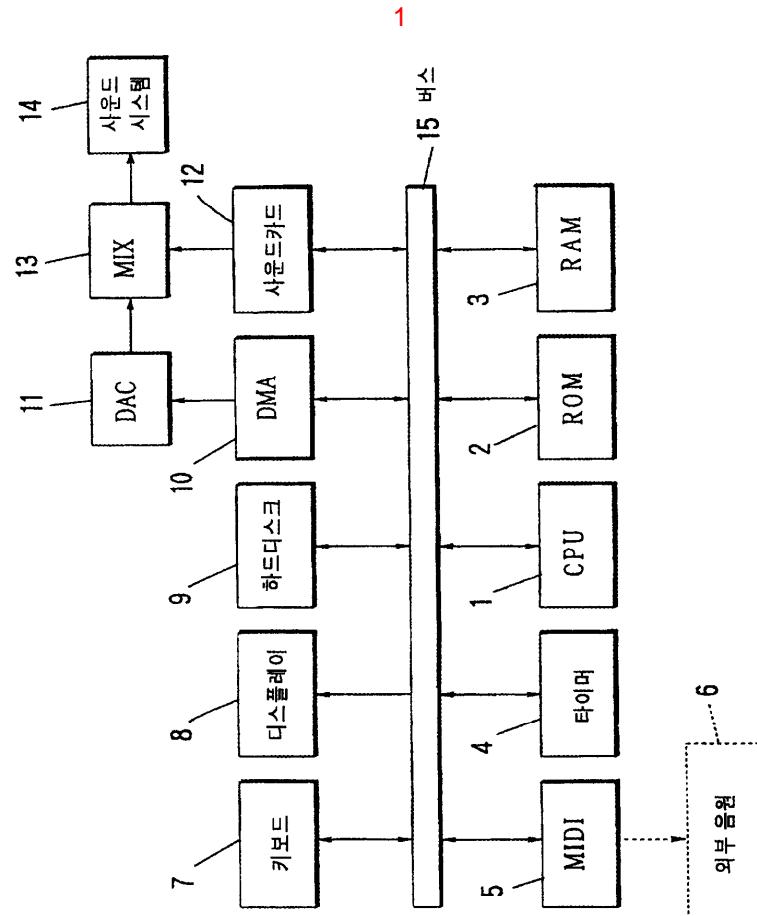
,

21.

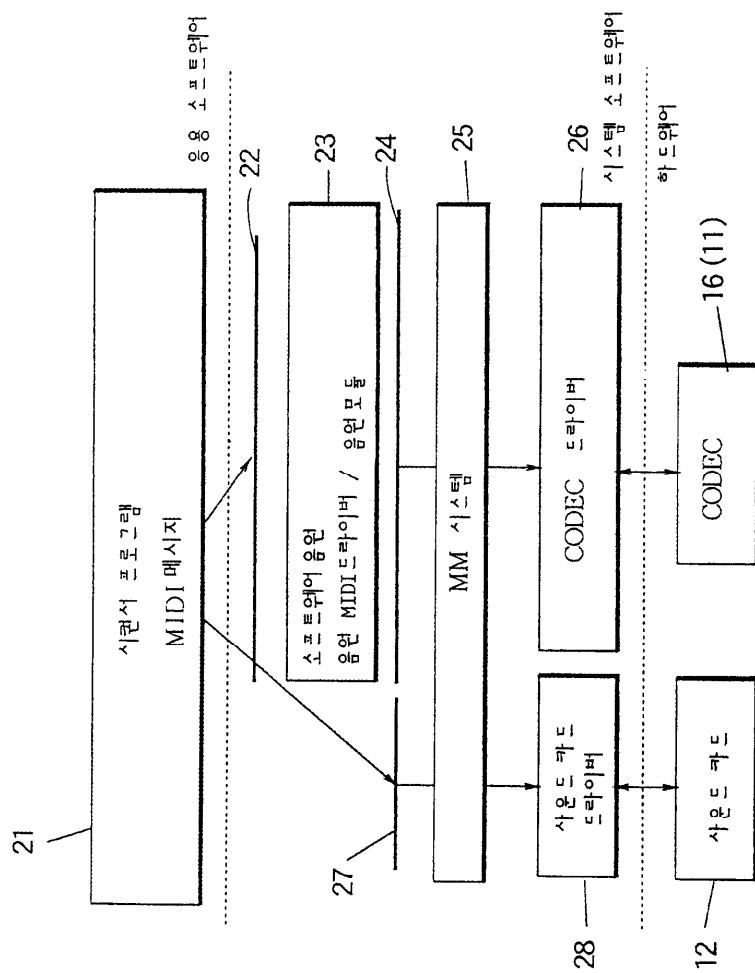
15

가

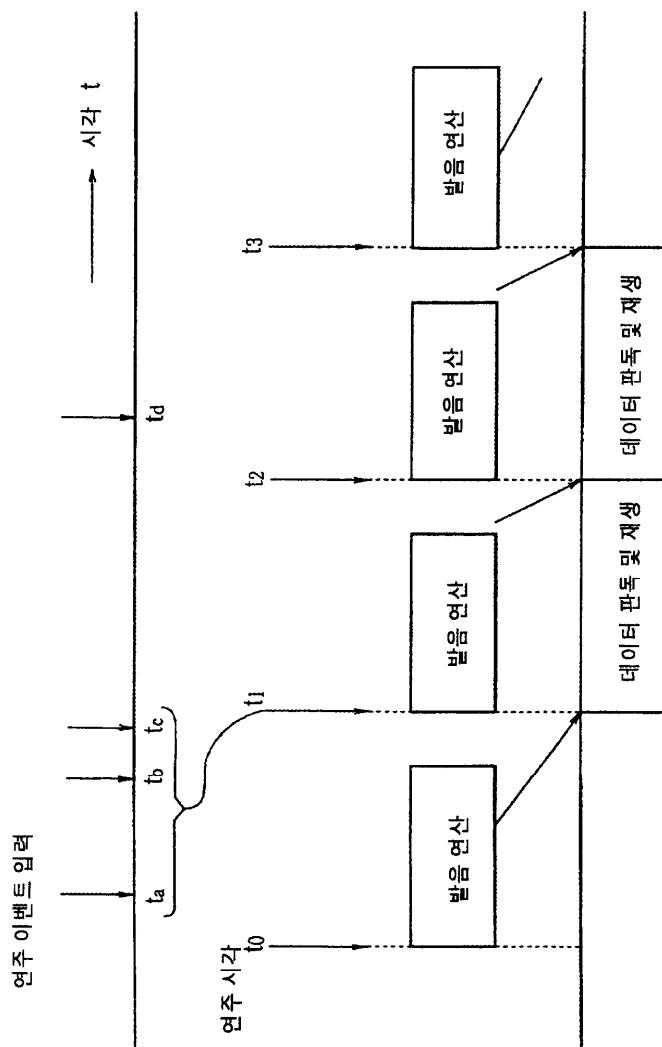
가



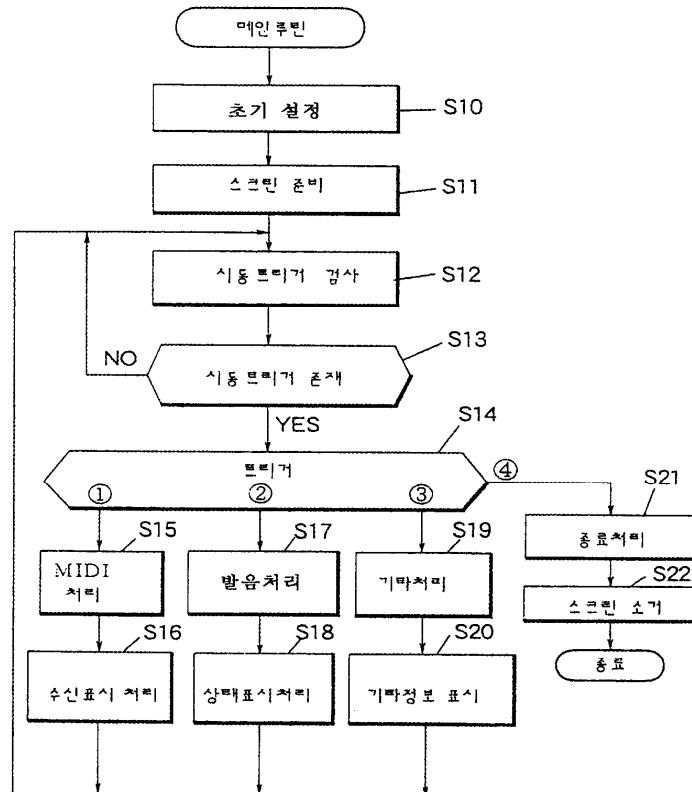
2



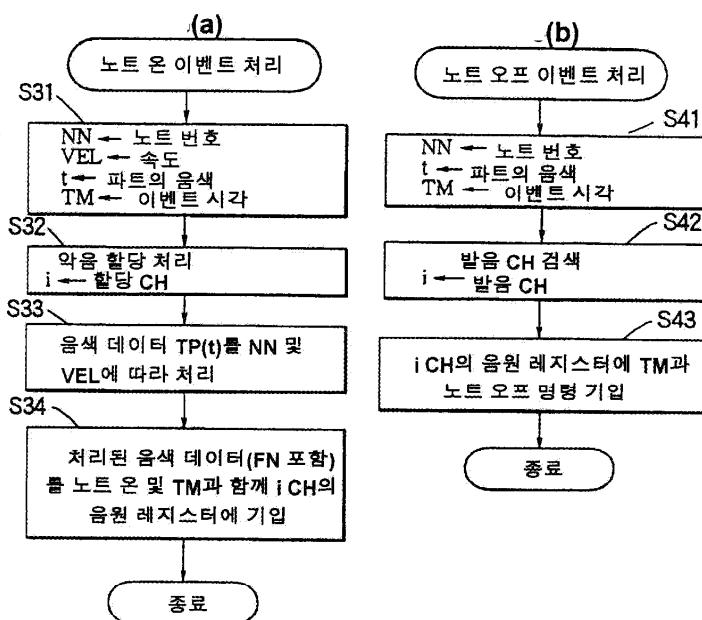
3



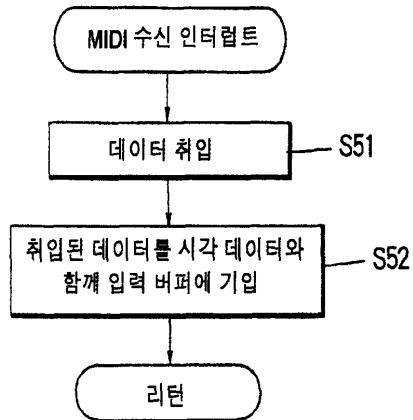
4



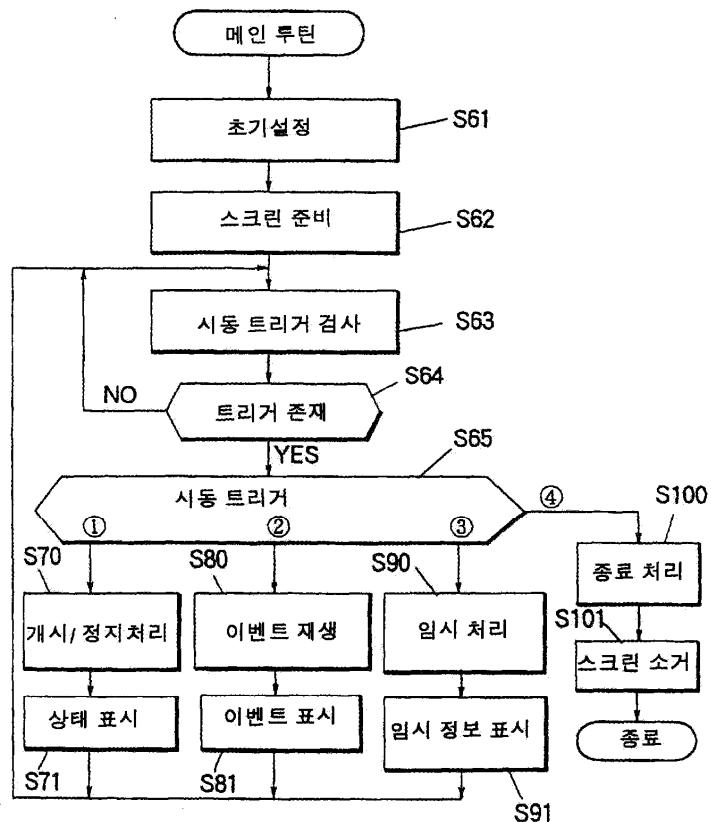
5

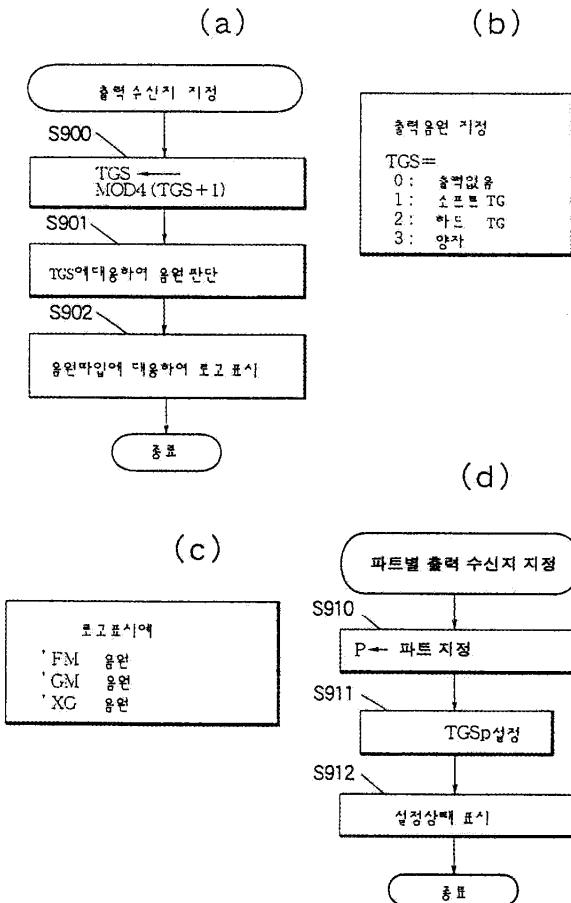


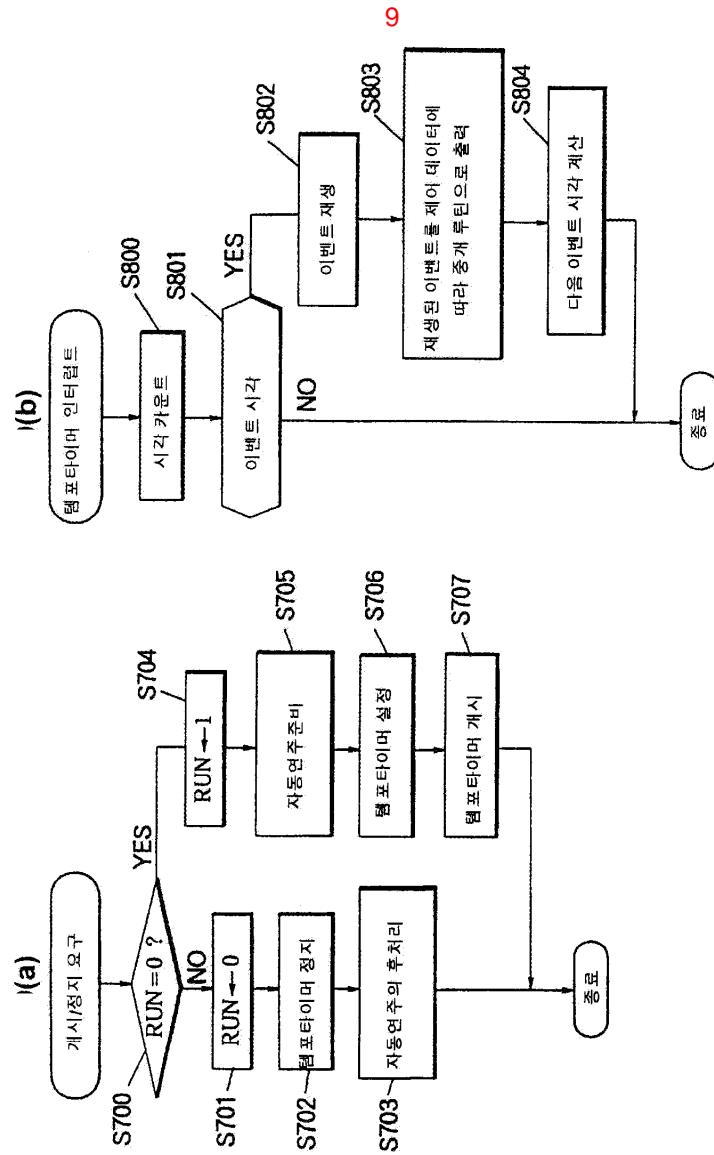
6



7







10

