

(19)
(12)

(KR)
(A)

(51) 。 Int. Cl. ⁷
G08C 17/02

(11)
(43)

2002 - 0082455
2002 10 31

(21) 10 - 2002 - 0060319
(22) 2002 10 02

(71) 681 - 2 A - 410

(72) 148 - 20 5/1 1 - 201

(74)
:

(54)

가 , N ,
가 가
, , N

1

, , ,

1

2 (가) ()

3a

3b 3a

4a

4b 4a

4c 4b 가

5a

(DLU)

5b

DLU

6 2

DLU

7 DLU

가

8 DLU

1a~1e : 1 5 2 :

5a~5e : 10a, 10b, 10c :

20 : 30 :

40 : 41, 61 :

42,48, 62, 68 : 43, 63 :

44, 64 : 45, 65 :

46, 66 : 47, 67 :

69 : 60 : DLU(Data Link Unit)

70 : CA1~CA5 :

P : TS :

가 , N ,

가 가

가

, 가 , 가

가 가

가

04 19), 282114 (:2002 07 05), 274023 (:2002
167188 (:1998 09 26) 가

가

가

가

가

가

가

가

가

가

가

가

N
(Line Bridge)

(Line Repeater)

가

(6a~6n)
(P)

(CA)

(30)

(30)

(CA)

(1a)
N
(P)

(1a)
(P)

(CA)
(20)

1 8

1

A) (P)

가

1

(C

(CA1) 가 (1a~1e)가 (P) (30)가
 N (CA1~CA5) (P) (CA) (P) (P)
 가 5 (CA1~CA5) (CA) (10a~10c)가
 1 (P) (2) (P)
 (CA1~CA5) (CA1~CA5)
 5b1~5e2 가
 N (CA1~CA5) (P) (Line Bridge) (L
 ine Repeater) 가
 2 (가) () (CA) (20) (40) (20) (40)
 가 2 (가) (20) (30)가 1 (CA1) (P) 2, 3 (CA2)(CA3) (30)
 (20) (30) (20) (40)
 2, 3 (CA2)(CA3) 가 (20) (30)
 가 (20) (30) 가 (30) 가
 (30) (40)
 2 () (20) (40) (P) 2, 3 (CA2)(CA
 3) (30)가 (30)가 1 (CA1) (20) (CA2)(CA
 (30) 가 2 (CA2) (20)
 (40) 2 (CA2) (20)
 2 () (30) 가 (20)
 (40)

2 () 1, 2 (CA1)(CA2) (30) , 4
 (30) 3 (CA3) (20) (30) 가 (40)

3a 4b (20) (40) (30) 가

3a (20) , 3b (CA) (20)

, 2 (CA2) 1 (CA1) (20) 1, 2
 (CA1)(CA2) (6a~6n)(7a~7n) (1a)(1b)
 1 (CA1) (30)

1 (CA1) (30)가 1 (1a) 가
 1a)가 (10a) , (6a~6n)

2 (1b) 가 2 (CA1)
 (7a~7n) (1b)가 (10b)
 , 1, 2 (CA1)(CA2) (10a)(10b)
 (20)가

(30) (20) 1, 2 (CA1)(CA2) 가 가

, 1 (CA1) 가 (6a~6n)
 1a) (, , ,) (10a) 1 (1a) (30)
 (1b) , 2 (CA2) 가 (7a~7n) 2
 , 3 1 (CA1) (10b) 1 , 2 (20)
 (10a) (30)

, (20) 가 1, 2 (1a)(1b) 1, 2
 (CA1)(CA2) 가 (6a~6n)(7a~7n)

3b (20) , (가) 2 가 , () 1 3
 ~7n) 2 3 , () 3 4 , 2 (CA2) 가 (7a
 S) (C) (1b) (10b) (20) (T
 (10a) 2 (CA2) (30)가 1 (CA1)

(20) (TS) (C)
(20)
30) (

(ID) (30) (P)
, 30

(Zero)가
가

(30)
(20)
가 가 (30) (30)

4a (CA)
(40) 가 , 2 (CA2) (30)가 1 (CA1)
가 가 (30)

가 (30)가 1 (CA1) 1 (1a)
(6a~6n)가 , 2 (CA2) 2 (1b) 가
(7a~7n)가 , 1, 2 (CA1)(CA2) 2 (CA
2) 1 (CA1) (30) (40)가

4b (40) , AC 86 260V
(41) , 2, 1 (CA2)(CA1)
(42)(48) , (42)
(43) , (43)
(44) , (44)
(44) (45) ,

(45) (46) , (46)
(48) (47) .

(30) 1 (CA1) 2 (CA2) (40)가
가

, 1 (CA1) 가 (6a~6n) 1 (1a)
2 (CA2) 가 1 (1a) (30)
(30) 1 , 2 (40) (7a~7n) 2 (1b)
, 3 1 (CA1)

1 , 2 (CA2) (7a~7n) 2 (1b)
(43) (40) (42) , (

44) (44) (Carrier OSC)
(SCI)

, (44) (45)
(46) (47) (48)
1 (CA1) (30) 2 (CA

2) 4c (40) (40a) (40b)
가 (44) (Busy) (Howling)

5a (CA) , N (CA1~ CA5) (P)
(30)
(Data Link Unit: 'DLU'
)(60)

5b (40) DLU(60)
, DLU(60) AC 86 260V
(61) , 2, 1 (CA2)(CA1)
(62)(68) , (62)
(63) , (63)
(64) ,
(65) (64)
(65) (66) , (66)
(68) (67) ,
(64) (69) ,
(64) (70)

DLU(60)가

1 (CA1) 가 DLU(60) (62) (6a~6n) 1 (1a)
 (63)
 (64)
 (64) (SCI) (Ca
 rrier OSC) (69) (70)

DLU(60)

(64)가

(ID)

, DLU(60)

, 30

(64)

0) (70) (70) (3

(Zero)

DLU(60)

(30)

7) (65) (68) (66) (6
 (30)

6 2

DLU (40) DLU(60) (64) (
 SCI3) 가 (10a)(10b)(10c)

, 2 (CA2) (10b) DLU(60) (62)
 (63) (10c) (64) (SCI1) (43)
 (40) (42)
 (64) (SCI3)

(64) (SCI1)(SCI3) (10a)(10b)
5b DLU(60)

(30)

7 (40) 가 (10a)(10b) DLU(60)
4) (Busy) (Enable) (64)(4)

8 (60b)(60c) DLU(60a) (60b)(60c) (10a)(10b)(10c) DLU(60a)
(70) (80)가 (P) (64)

(30) (34) (34) DLU(60a)(60b)(60c)
(80) (SCI1~SCI3) (SCI4)가 (70)

(10a)(10b)(10c) (1a~1c) DL
U(60a)(60b)(60c) (62) (63) (30)

(30) (10a)(10b)(10c)
DLU(60a)(60b)(60c) (65), (66), (67), (62) (30)
(10a)(10b)(10c) (70) (80)

DLU(60) 가 (20), (40),

N 가

가

가

가

PCS), GSM, PSTN, (가

(57)

1.

(1a) , (1a) (6a~6n) (CA) ,
 (CA) N (P) ,
 (P) (30) ,
 (P) (CA) (30)
 (20) .

2.

1 ,
 (20)
 (CA) (40)

3.

1 2 (40) ,
 AC 86 260V
 (41) ,
 (CA)
 (42)(48) ,
 (42) (43) ,
 (43)
 (44) ,
 (44) (45) ,
 (45) (46) ,
 (46) (48)
 (47) .

4.

3 ,
 (20)
 (30) DLU(60) , (30)

5.

4 ,

DLU(60)

AC 86 260V

(61) ,

(62)(68)

(62)

(63) ,

(63)

(64) ,

(64)

(65)

(65)

(66) ,

(66)

(68)

(67) ,

(64)

(69) ,

(64)

(70)

6.

5 ,

(20)

40)
Busy)

(Enable)

가

,

DLU(60)

DLU(60)
(40)

(
(

7.

6 ,

(20)

DLU(60)

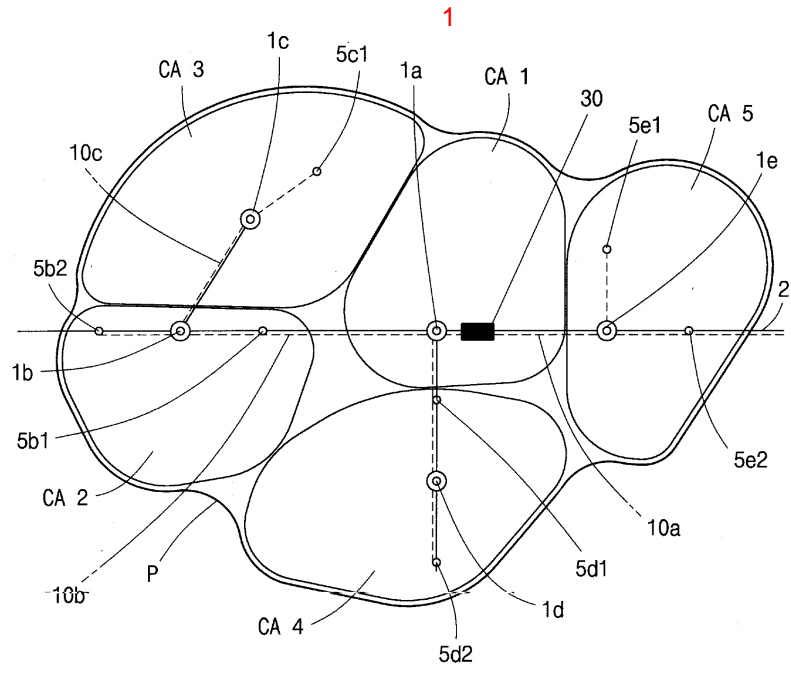
,

DLU(60)

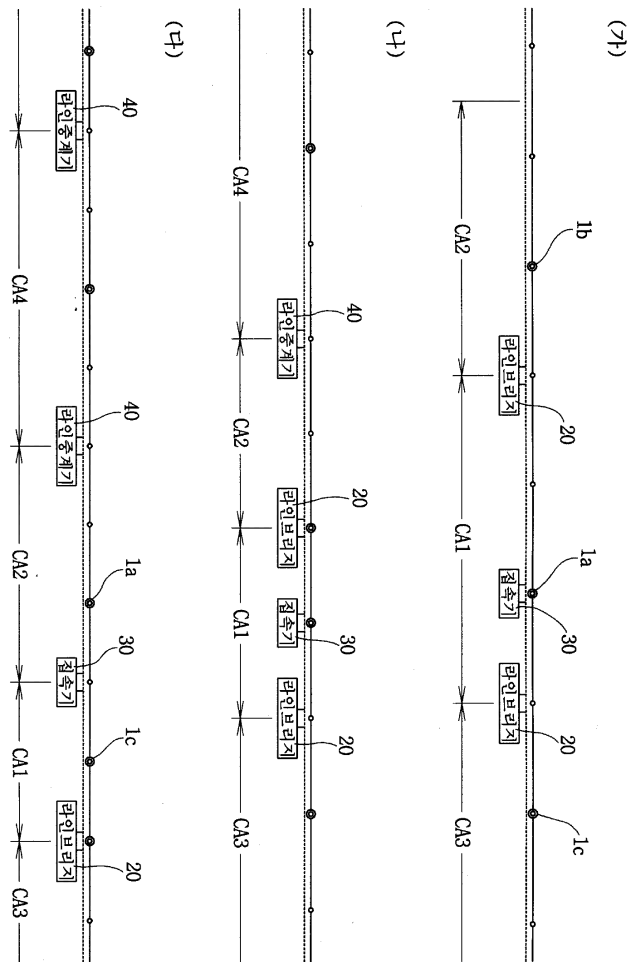
(P)

(30)

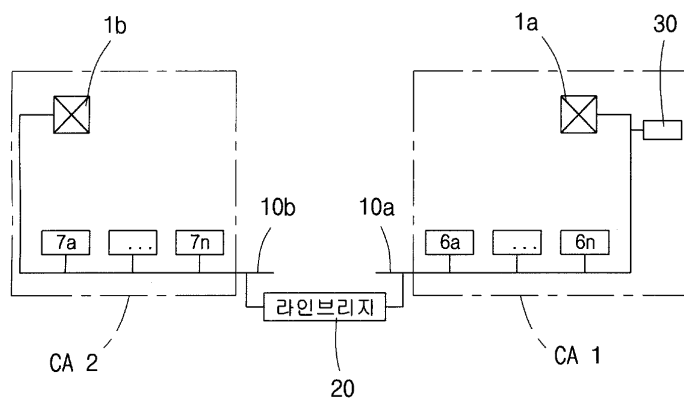
(34)



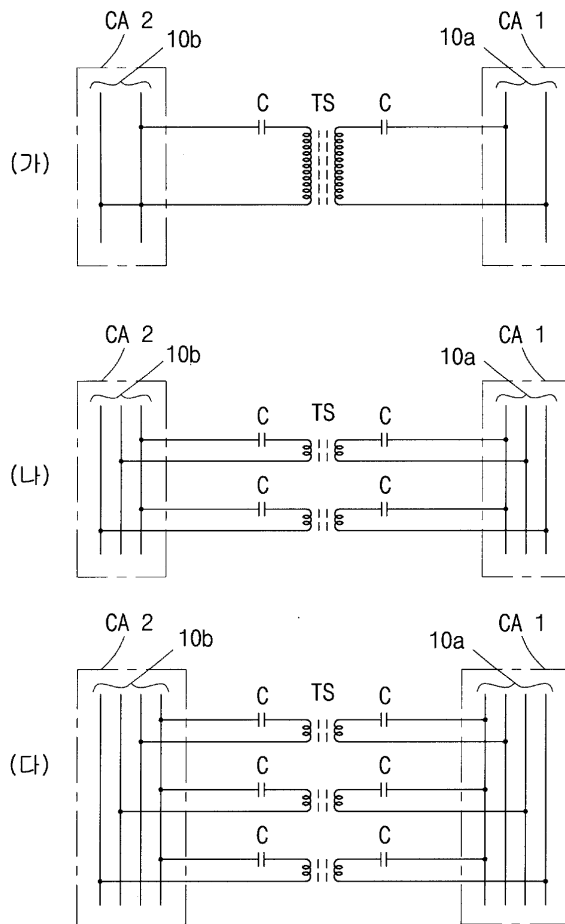
2



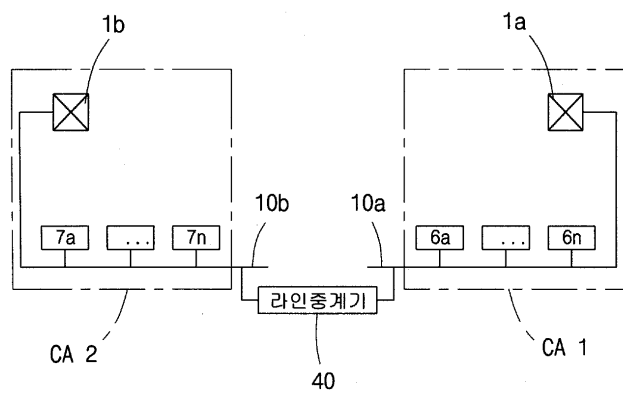
3a



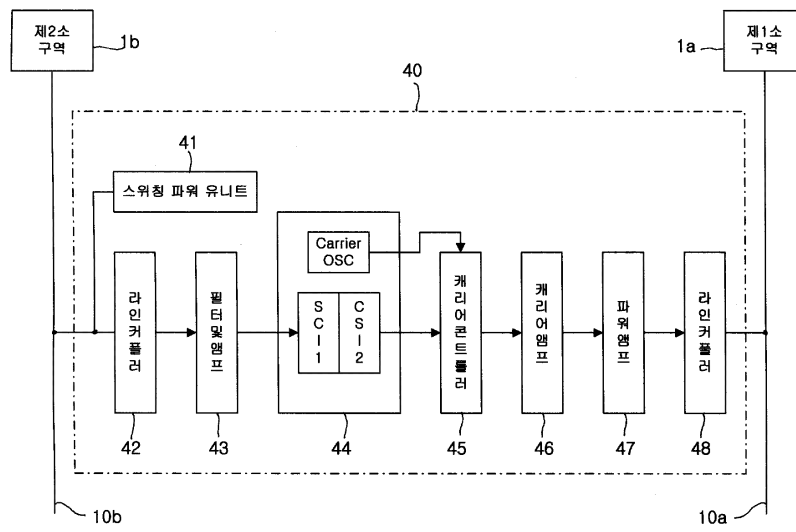
3b



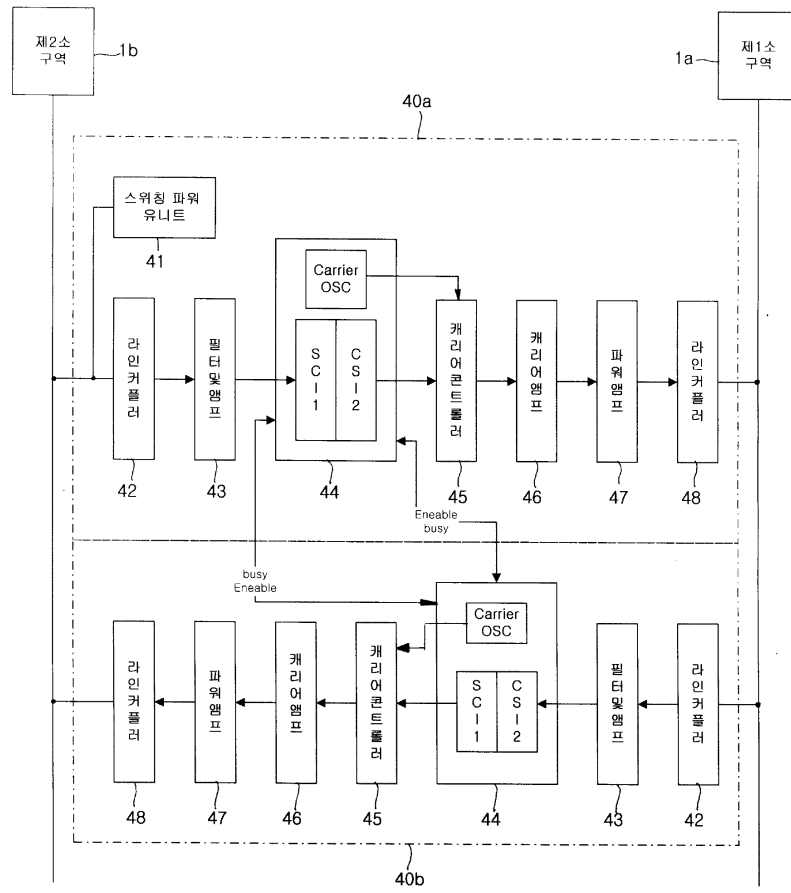
4a



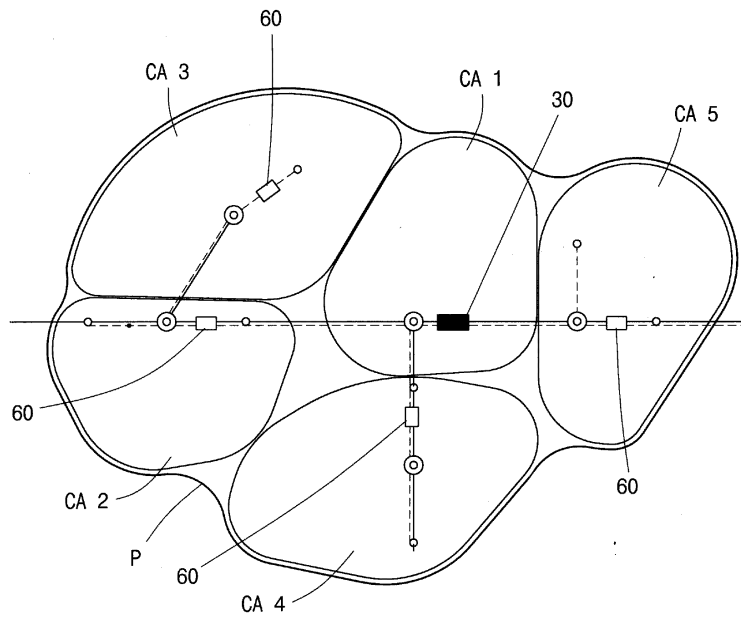
4b



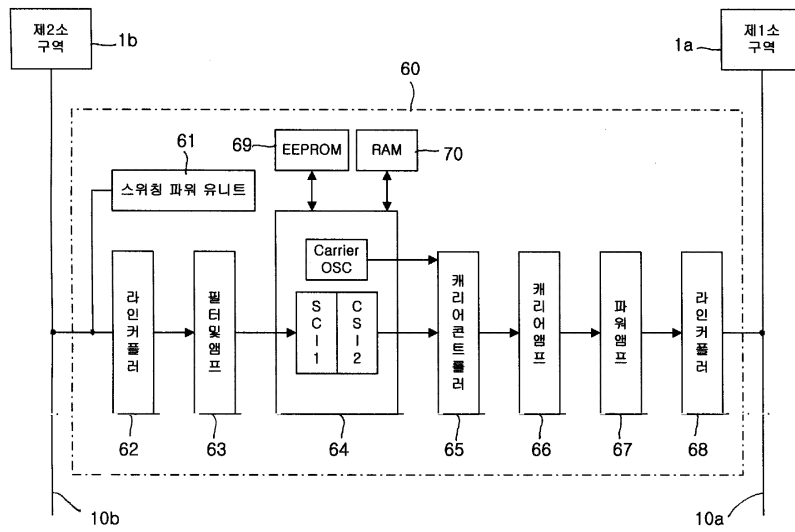
4c



5a



5b



6

