

(19)
(12)

(KR)
(B1)

(51) 。 Int. Cl. ⁷
H04L 27/10

(45)
(11)
(24)

2003 03 06
10 - 0374944
2003 02 21

(21) 10 - 2001 - 0005037
(22) 2001 02 02

(65) 2002 - 0064512
(43) 2002 08 09

(73) 2 475 - 22

(72) () 606 - 606
1633 - 17

(74)
:

(54)

2

1

2 1

3 2

4 2

5 2

<

10 - 1 10 - n: 20:

30: 40:

50: T:

PLCN: R:

S: D:

가 , 가

가
(Local Area Network; "LAN")

(Power Line Communication; "PLC")

g; "FSK") (Frequency Shift Keyin

"0" "1" "0" "1"

가 가

가 (synchronization)

1 (T) (PLCN) (R)

(S) (D) (D)가 (S) (T) (PLCN) (R) (S)가 (R)

(30) (S) 2 (40) (50) (10 - 1 10 - n) (20)

(10 - 1 10 - n) (T) (PLCN) (20) (1

0 - 1 10 - n)

(30)

(20)

(40)

(30)

(zero crossing)

(50)

(40)

(T)

가

(PLCN)

(R)

(R)

(S)

(10 - 1 10 - n)

, 3 (e)

(10 - 1 10 - n)

, 3 (a)

(d)

(10 - 1 10 - n)

(10 - 1 10 - n)

(20)

(D) 가

(20)

(10 - 1 10 - n)

(20)

, 4 (b)

(10 - 1 10 - n)

4 (c)

(20)

4 (b)

4 (d)

(c)

, 4 (a)

(20)

(30)

5

가

(30)

(40)

40)

(30)

(,)

(40)

(50)

0)

(40)

(,) (5

(50)

(40)

가

(20)

가

가

(50)

(D)

가 ,

(D)

(50)

가

(10 - 1 10 - n)

가

가 .

(57)

1.

,

,

,

,

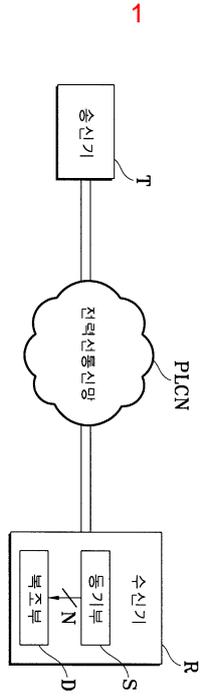
2.

1 ,

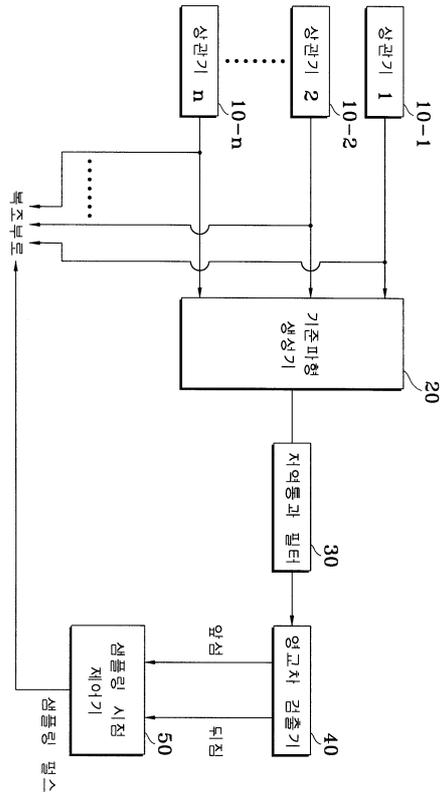
3.

2 , ,

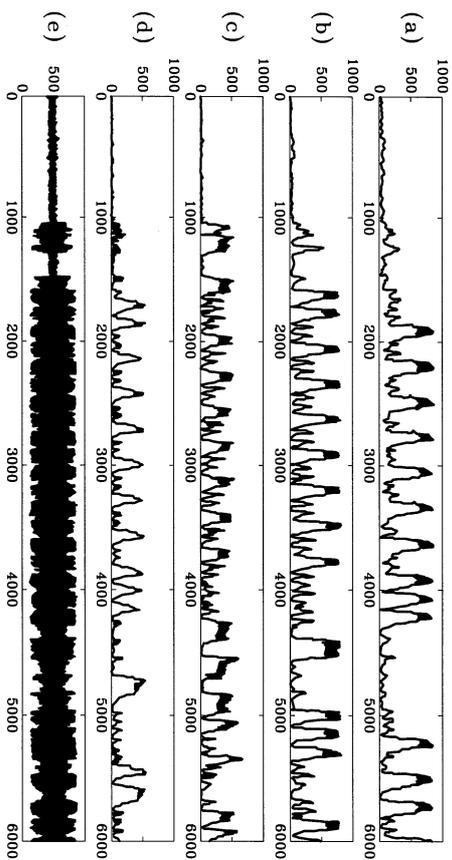
.



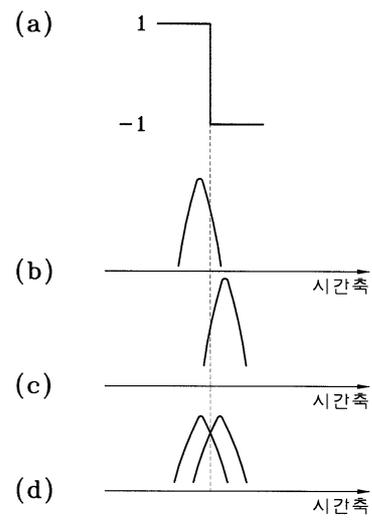
2



3



4



5

