

(19)  
(12)

(KR)  
(Y1)

(51) 。 Int. Cl. 7  
H04B 3/54

(45) 2002 09 10  
(11) 20 - 0288280  
(24) 2002 08 26

(21) 20 - 2002 - 0018886  
(22) 2002 06 21

(73) 176 9  
1 1410 1 가 5 1304

(72) 1 1410 1 가 5 1304

(74)  
:  
가 :

(54)

60Hz , SS (Sc  
an Timming)

, PLC, , , ,

1 ,

2 ,

3 .

< >

10 :

20 :

30 :

40 :

60Hz (Zero - Cross)  
, SS  
(Scan Timing)

(PLC; Power Line Communication) 60Hz (carrier) , 가

(PLC) 가

(PLC) 가 , , , , 가  
가 ( )

(noise)

(carrier frequency)가 1  
(noise)

가

가

(Narrow Band)

(SS Band)

가

가

1.5V<sub>pp</sub>  
가

가

가

가

가

가

가

60Hz

, SS

(Sc

an Timming)

1

1

(100)

(PLC)

(100)

(T) 2

(10)

(10)

(20)

(20)

(Scan Timming)

(30)

(30)가

60Hz

(Zero - Cross)

(40)

가 가

(100)

(T) 2

X

(PLC)

2

가

(10)

3

1

(CH1,11) 'A'

2

(CH2,12) 'B'

4,14) 'D'

3

(CH3,13) 'C'

4

(CH

(10)

(20)가

(20)

(30)

(Noise)

(Scan Timming)

( ) ( 3 ) .

(30)가

(40) 60Hz

(Zero - Cross)

가

SS

(Scan Timming)

60Hz

(Zero - Cross)

, SS

(Scan Timming)

가

(57)

1.

(PLC)

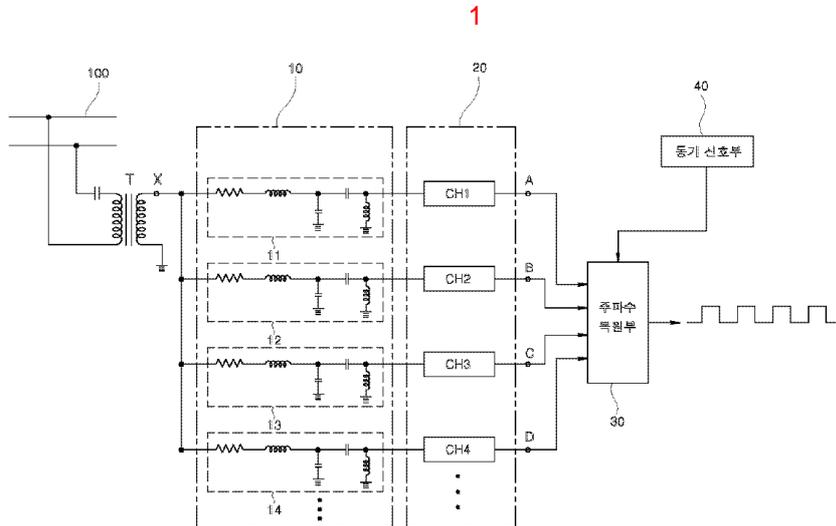
2

(Scan Timing)

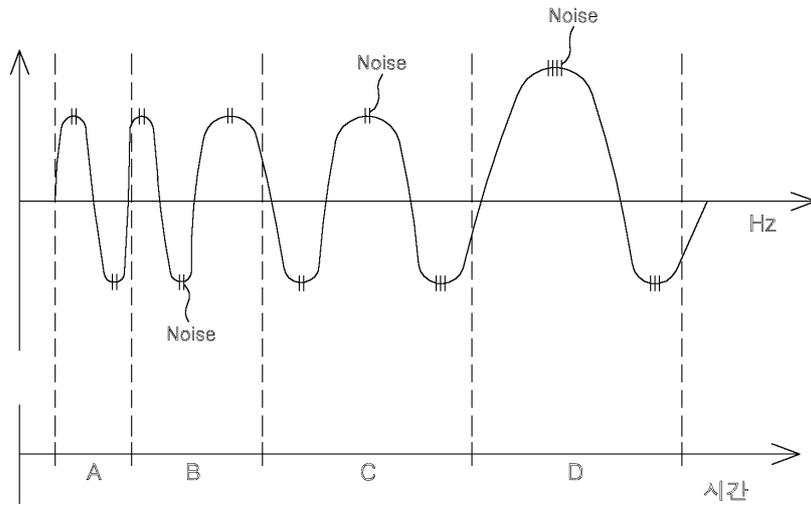
가

60Hz

(Zero - Cross)



2



3

