

(19)
(12)

(KR)
(Y1)

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(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
가

(PLC) 가

(PLC) 가 , , , , 가
가 ()

(noise)

(carrier frequency)가 1
(noise)

가

가

(Narrow Band)

(SS Band)

가

가

1.5V_{pp}
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'

3

(CH3,13)

'C'

4

(CH

4,14) 'D'

(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)

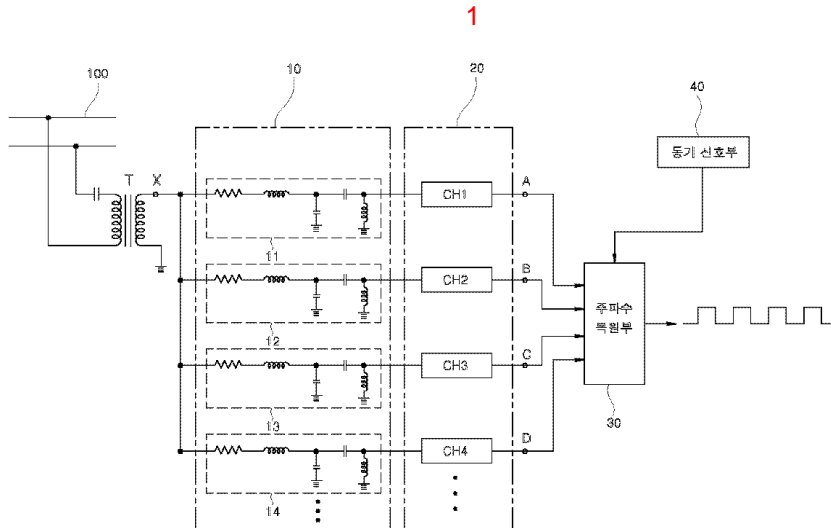
2

(Scan Timing)

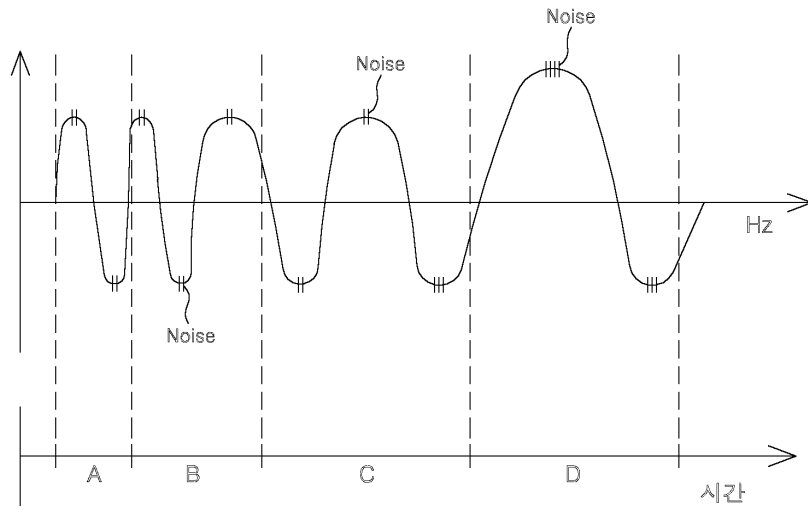
가

60Hz

(Zero - Cross)



2



3

