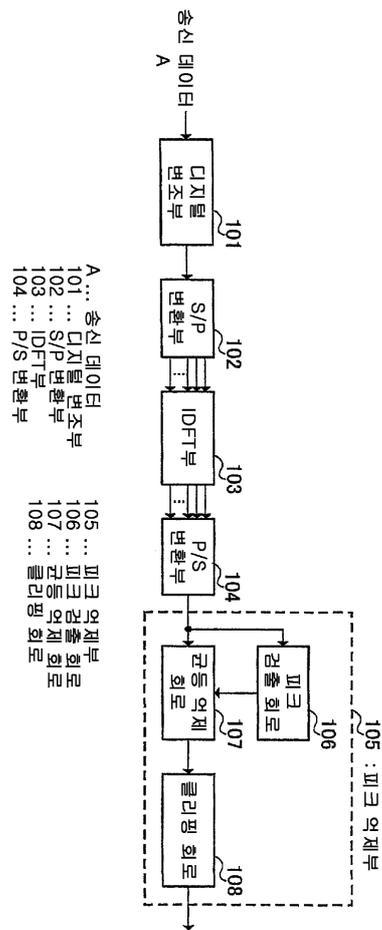


(54)

IDFT (103) OFDM 가 OFDM (106) (107)



가 , 가 ,

, IDFT (Inverse Discrete Fourier Transform :)

OFDM (Orthogonal Frequency Division Multiplexin

g)

(dynamic range)

가

가

가

11 - 74862 「

」가

11 - 74862

가

(SN : Signal to Noise)가

, SN

가

가

1 1 ,
 2 1 OFDM ,
 3 2 ,
 4 2 OFDM .

SN

SN

(1)

1 OFDM

OFDM

1 1 (101) S/P(Serial/Parallel) (102)
 , IDFT (103) IDFT(: Inverse Discrete Fourier Transform)
 , P/S(Parallel/Serial) (104) (OFDM) (105)

(105) (106) , (107) , (108)
 (105) P/S (104) OFDM 가 ,
 , OFDM ,

(105) , (106) P/S (104) OFDM
 , OFDM (

가

OFDM

(107) (106) OFDM (107)
 OFDM (106)가 OFDM , OFDM (108)
 (108) (106)가 OFDM 가 OFDM , OFDM
 OFDM , OFDM (108) OFDM (107)
 OFDM

가 (101) , S/P (102)
 , IDFT (103) IDFT , P/S (104) (OFDM) ()
 105)

(105)

가 (106) , P/S (104) OFDM , OFDM
 (106) OFDM 가 (107) OFDM
 (108) , OFDM (108)
 (107) OFDM ()
 () 가 가 ()
 , OFDM

2 OFDM

P/S (104) OFDM S1 , OFDM S1
 (107) OFDM S2 가

OFDM S2 (108) () OFDM S
 3 OFDM

, OFDM S3 , OFDM S3
 , OFDM

가

가

가

, OFDM

OFDM

, OFDM

(PAPR : Peak Power to Average Ratio)

가

가

가

(2)

1 , OFDM

OFDM

, OFDM

1

, 3

3

2

, 3

1

(201)

(202)

(203)

(204)

(201)

OFDM

(202) P/S

(104)

OFDM

(203)

(202)

P/S

(104)

OFDM

(204)

(204)

(203)

OFDM

(201)

(202) , P/S

(104)

OFDM

(203)

, OFDM

가

(202)

OFDM

가

, OFDM

(204)

(203)

OFDM

OFDM

, OFDM

4

OFDM

1 ,

, ,

3.

1 ,

, ,

4.

1 3

5.

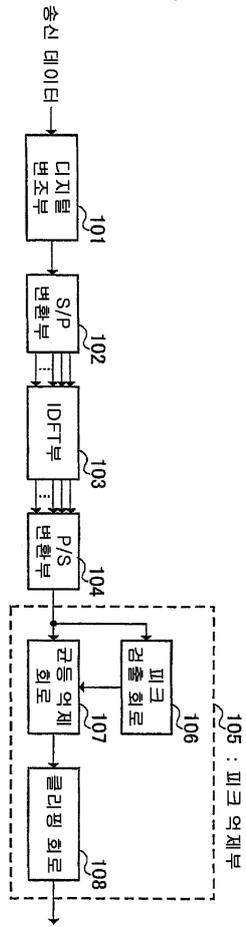
1 3

6.

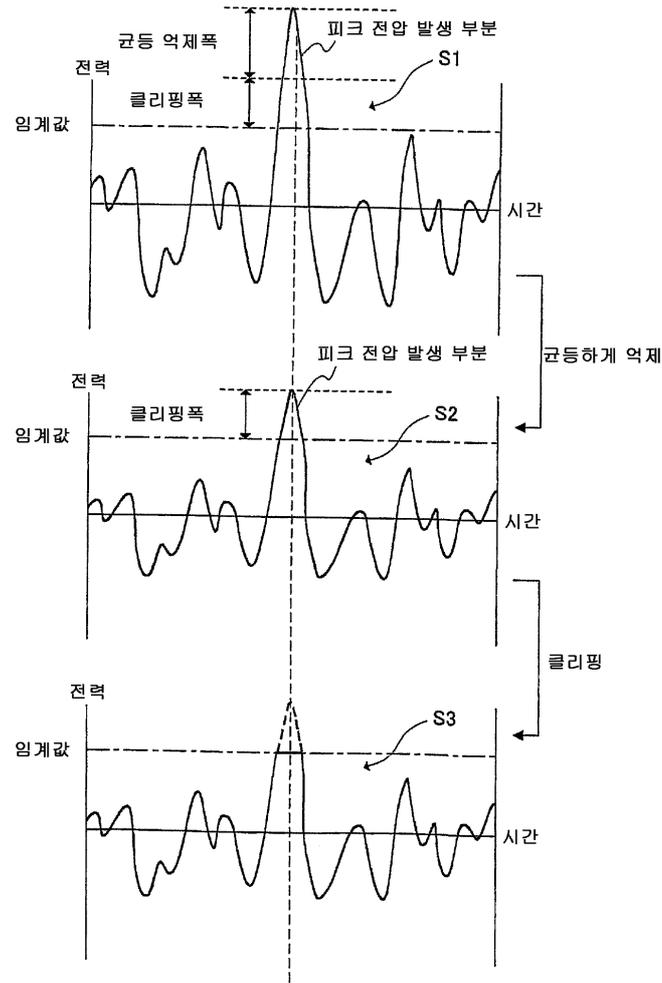
, 가

, ,

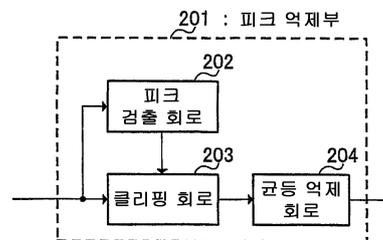
1



2



3



4

