

(19)
(12)

(KR)
(A)

(51) . Int. Cl.⁷
H04N 5/44

(11)
(43)

10-2004-0106516
2004 12 17

(21)	10-2004-7018083		
(22)	2004 11 09		
	2004 11 09		
(86)	PCT/US2003/014650	(87)	WO 2003/096672
(86)	2003 05 09	(87)	2003 11 20

(30)	60/379,695	2002 05 10	(US)
	60/426,955	2002 11 15	(US)

(71)	92648	46
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(72)	, , 46234	20925
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, , 46060	7234
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, , 46074	318
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, , 46254	7485
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, , 46060	8905
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(74)

(54)

가	가	가	(20)	가	가
			,	,	,
			(22, 42)		(20)
			,		,
			(26, 53)		(26, 53)
가	가	가	,	가	가
			,		,

10

60/426,955 2002 5 10 2002 11 15 60/379,695
가 .

A) $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} = \frac{1}{8}$

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가 NWS NOWW

가 , 가

가

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가

가 , 가 , 가

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VCR) . . . ,

2 , 1 (20) (20), (21), (22), (23), (2\$), (25),
(26), (FPD; 27), (28), (29), (31), (32),
(IF) (33), IF (34), (BPF; 35), (36)
, , (IC)
(20) 2 . ,
(21) 1 (10) (21)

(23) (22) NWS , , (23)
 (24) (23)
 (25) (23)
 (26) 가 (SAME) (SAME) SAME NWS ,) 가
 (26) (25) (20) 가 가 (), ((20) 가
 FPD(27) (20) , FPD(27) (indicator element)
 가 (viewable) (LED)
 LCD (LCD) () LCD LED LCD LED LCD , F
 PD(27) / , /
 FPD(27) (20) / (20) /
 (, ,) 가 LED, LCD, LQD, (CRT) 가
 (DVD) , LD
 (28) / (28) , (28) NWS
 , (28) (29) , (28)
 , (29)
 (31) 1 (10) /
 (31) ,
 (32) (31) , (32) 2 / IF IF (34) IF (AGC) , IF
 () (33) IF (33) 가 (32) (33) (SAW) , , (33) 가
 IF (34) IF () (33) IF , IF (34)

FPD(54) (20) , FPD(54) , LED LCD () 가
 , LCD , , LED LCD / L
 ED LCD , FPD(54) /
 (LQD) , , , /

FPD(54)
(, ,) 가 , , (20)
, , (20) / (20)
LED, LCD, LQD, (CRT) 가 , DVD
LD

(55) NWS
/ (28) (56) (28)
, , ,
(56)

4 , (20) (400)가 . 4 , 2
3 , 4 2 (20) . 4 , ,

401 , (20) 가 . . . (20, ,
(29)) . . . ,
(20) 가 (EPG) , 401

A. /

B. NWS : 162.400MHz, 162.425MHz, 162.450MHz, 162.475MHz, 162.500MHz, 162.525MHz, 162.550MHz

C. _____ - _____, _____, _____ / _____, _____, _____, _____ / NWS / _____

D. _____ - / 가 . . . , 가, ,

D. _____ - , NWS / NWS (_____ , _____) /
(20) FPD(27)

F. _____ . _____ , _____ (_____),
 (20) _____ . _____ , _____ / _____ . _____ .

G.

(20)가

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401

(26)

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403

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(26) SAME

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C D)

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NWS

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(24) /

(37)

404

401

FPD(27)

/ , NWS

(29)

404

) /

404

, FPD(27)

가

(29)

404

(500)

가

5

(501)

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, (600)가

)가

(501)

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FPD(27)

(600)

(600)

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(600)

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(20)

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(601)

(601

604)

LED, LCD

6

/ 604)

LQD

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가

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가

(601)

(20)

(604)

(602)

604)

(602)

(603)

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(600)

가

/

404

(DVD), (PVR), (VCR),

(57)

1. (20) , (22, 24); (26,

2.

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3.

2

(closed caption)

4.

1

(indicator element)

(27, 54)

5.

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(27, 54)

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(22, 42);

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(26, 53)

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(27, 54)

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14.

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(402);

(404)

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(20)

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가

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가 1

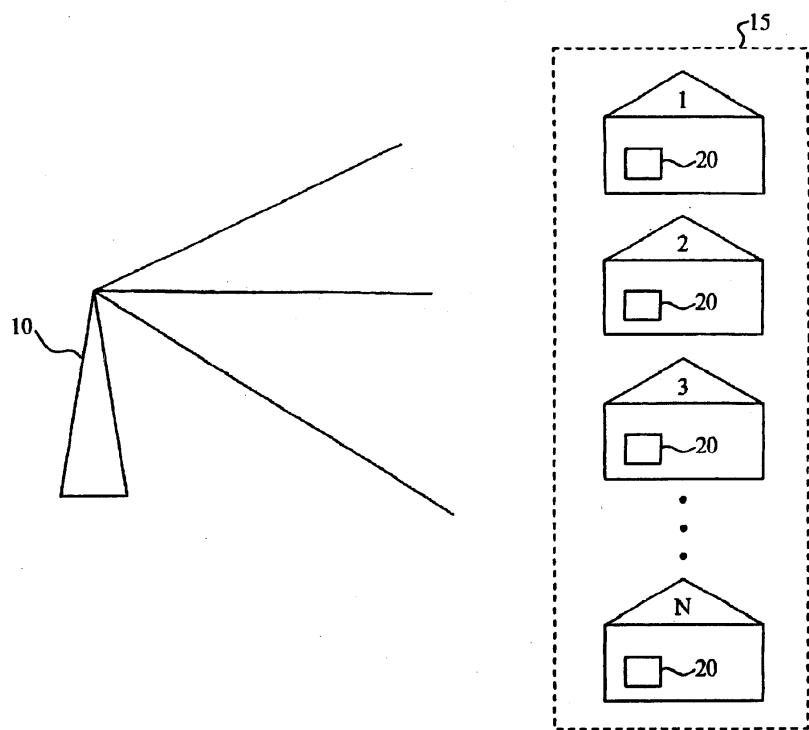
21.

15

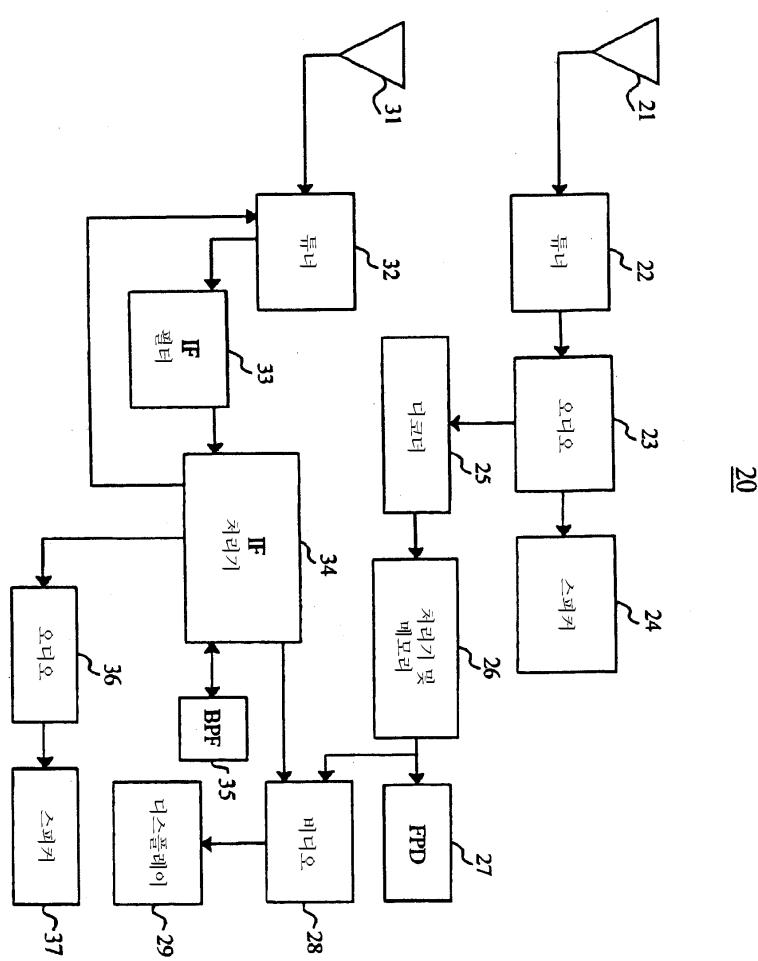
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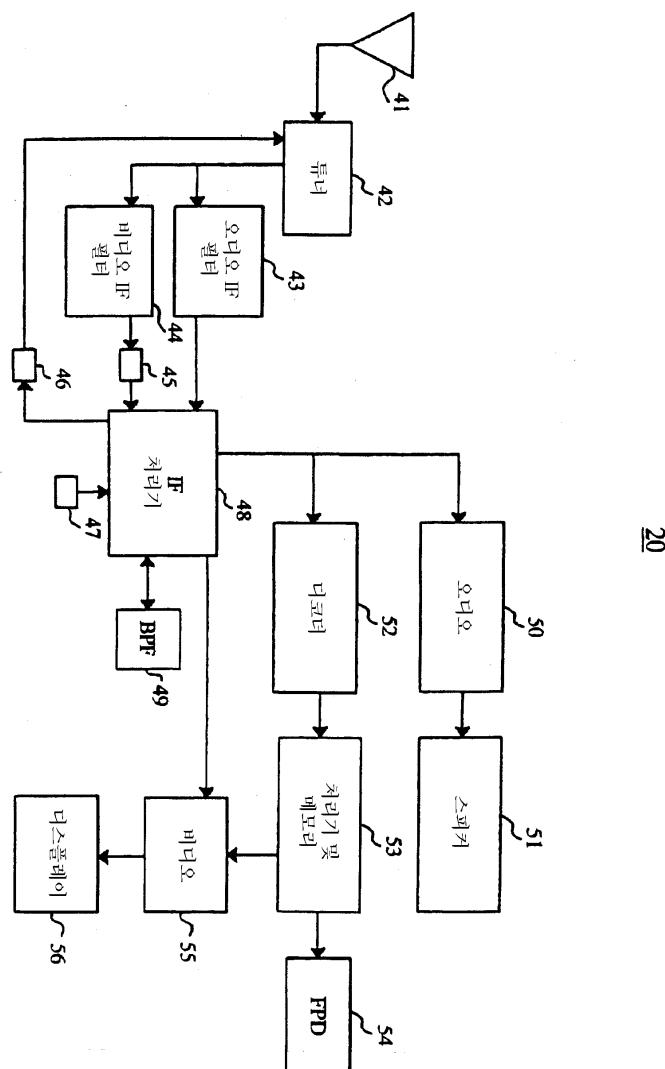
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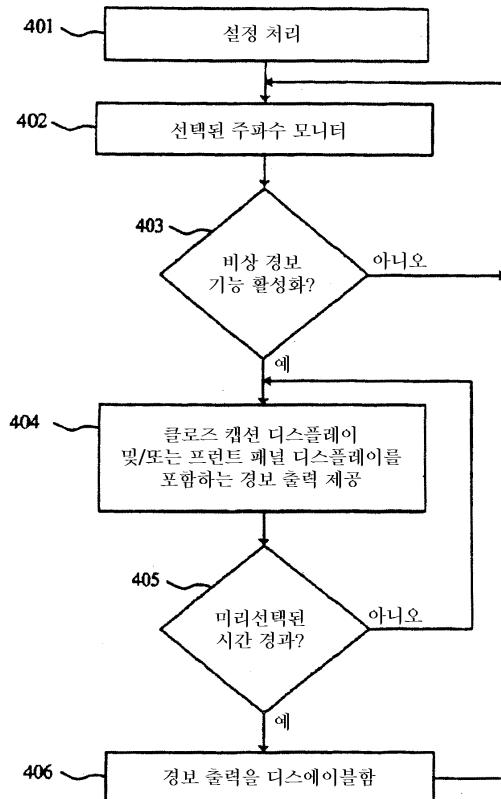


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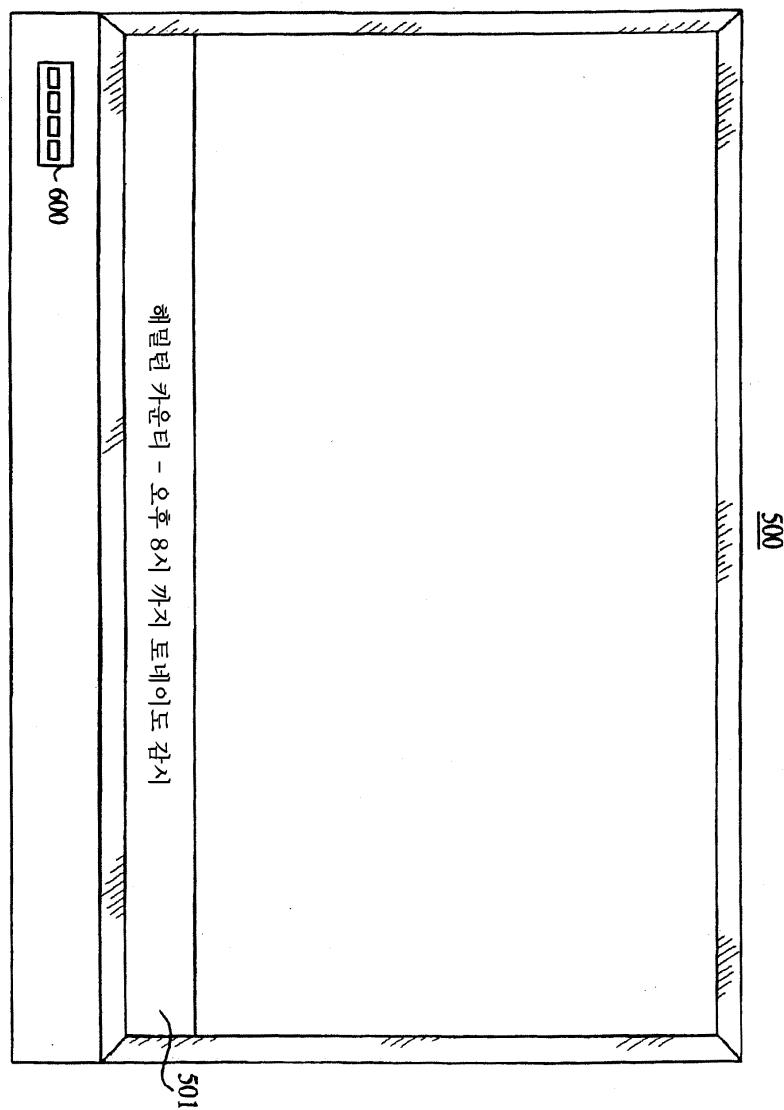


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