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2004 12 23

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(72) 1 15 304

7 1622-35102

(74)
:

(54)

(Mosaic EPG)

5

1

2

3

4 ,
 5 ,
 6 가 ,
 7 가

100 : 200 :
 300 : 400 :
 500 : 40,50 :
 41,51 : 42,52 :
 43,53 : MPEG 60 :
 61 : 62 :
 63 : 64 :

(Sub-Picture) 가 (Mosaic) (EPG: Electronic
 Program Guide) ,
 가 , (EPG) 가
 (STB: Set Top Box) , 가
 가
 (Mosaic EPG) 가 , 가
 1 , / ,
 (100) , (10), (11), (12), (13),
 (14)
 (10) ,
 (BS 1 BS k) ,
 (11) , MPEG
 MPEG (12) , (14)
 (13) (200)
 (400) , (200)

(500)

9)가, 1 9 (Program 1 9) 1 9 (Sub-Picture 1

(400)
1

(Cursor)
가 1

RF

가

가

LNB

LNB(Low Noise Blackdown)

가

1 ;
2

1

2 ;

가

가

3 ;

가

4

3 ,
2 가 (STB)
1 2 (40,50)

(400)

MPEG
(41,51)

(Parsing)

1 2
(42,52)

(Decoding)

1 2 MPEG (43,53)가

(400) , (62) , (60) , (63), (Sub-Picture Indicator) (64) (Se
 rvice Entry)

(61)가 가 (60)

(SI: Service Information) (Service_Index), (Service_id), (S
 ervice_name), (Transport_stream_id), (Network_id), (S
 (Original_network_id), RF (RF Frequency), (Symbol Rate), FEC(Forward Error Co
 rrection) (Service Entry)

LNB (60) 가 LNB 가

(SI) SDT (Service Description Table) , RF , FEC ,
 (SI) NIT(Network Information Table)

(63) , 4 (Service Entry #1 #m) (64)
 (PC) 가

(61) , 1 (40) 1 MPEG (43) (610) , (60)
 (53) 1 Y/C (611) , 2 (50) 2 MPEG (MPEG) (612) ,
 (PCR: Program Clock Reference) 2 Y/C (613),
 1 Y/C 2 Y/C (614)가

1 Y/C (611) , 5 , 9 , 9
 (P1-P9) 2 Y/C (613) , 5 , 9 (P1-P9)
 , 9 가

(60) , (63)

(60) , 1 (40,41) , 2
 (50,51)

(61) , 2 (50) 2 MPEG (53) ,
 , 1 (40) 1 MPEG (43)

(61) (610) , 1 Y/C (611)
 , 1 (614) , 9

	(61) (Service Entry #3)	(612)	(63)	3
	0.5	2	(612)	9
	2 Y/C	(613)	(614)	
	(614)	1 Y/C	(611) 2 Y/C	(612)
	(60)	(60)		
	(60)	(614)	1	(40)
가	(Sub-Pic 1 Indicator)	1	2 (50) (X1,Y1)	1 (63)
3		1	1	
	(60)	(614)	1	(40)
가		2 (50)	2 (50)	
		(63)		6
	(60)	7	가	8
	(X8,Y8)	(S20), (63)	8 (S10),	8 가
	8	가,	2	(Service Entry #2)
	2		8 (S30),	1 (40) 2 (50)
	8	8	가	8
가				가
		(Mosaic EPG)		

(57)

1.

1 ;

2 , 1 , 2 ;

가 , 가

3 ;

가
4

2.

1 ,
1 , (SI) ,

3.

1 ,
1 , , RF ,
, LNB LNB ,

4.

1 ,
2 , , 1 (MPEG) , 2 (PCR) ,
가 ,

5.

4 ,
3 , 가 ,

6.

1 ,
2 3 ,

7.

1 ,
3 , , RF , , , , 가 , LNB LNB

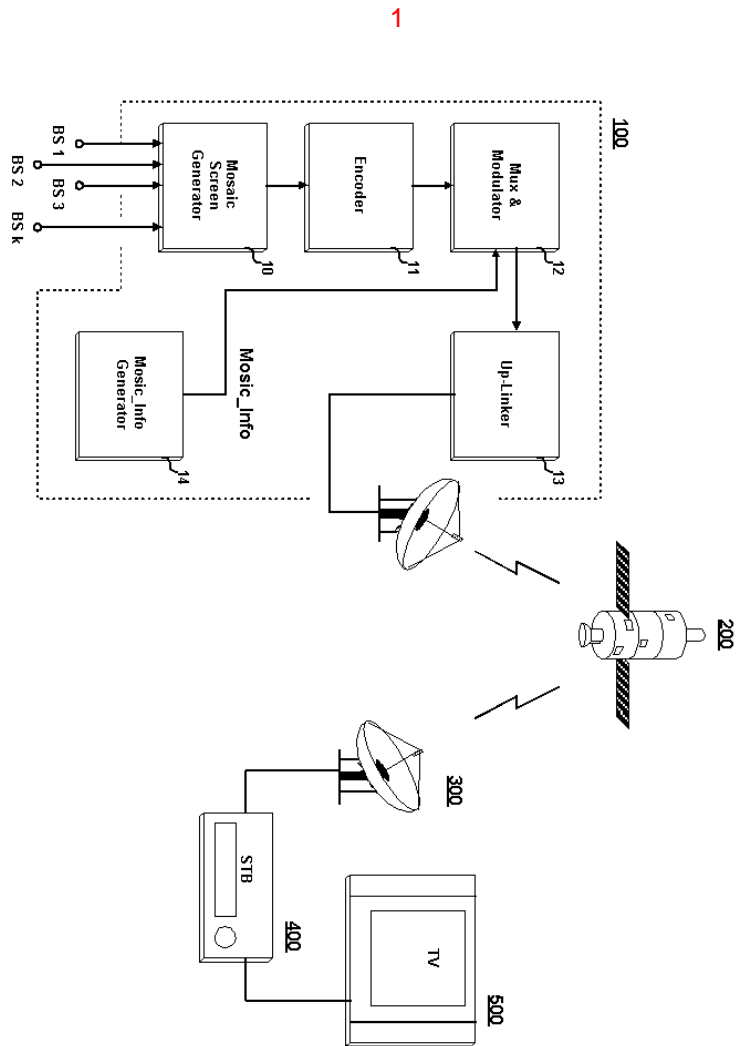
8.

7

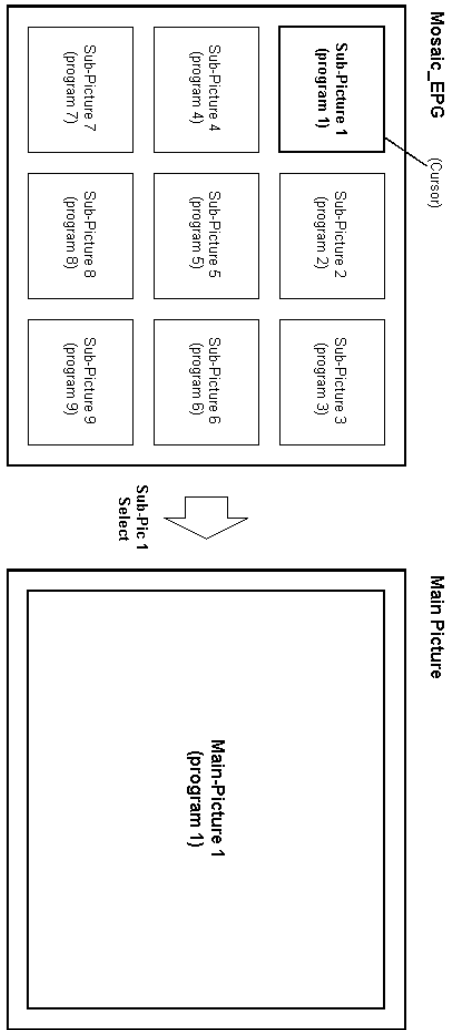
3

가

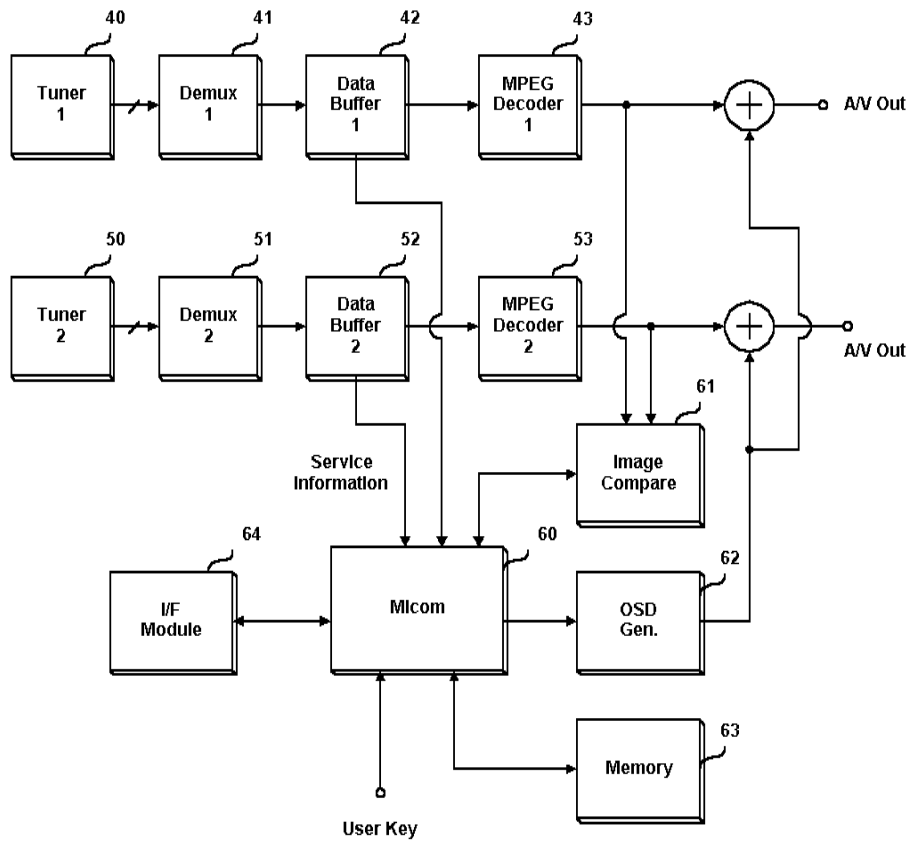
가



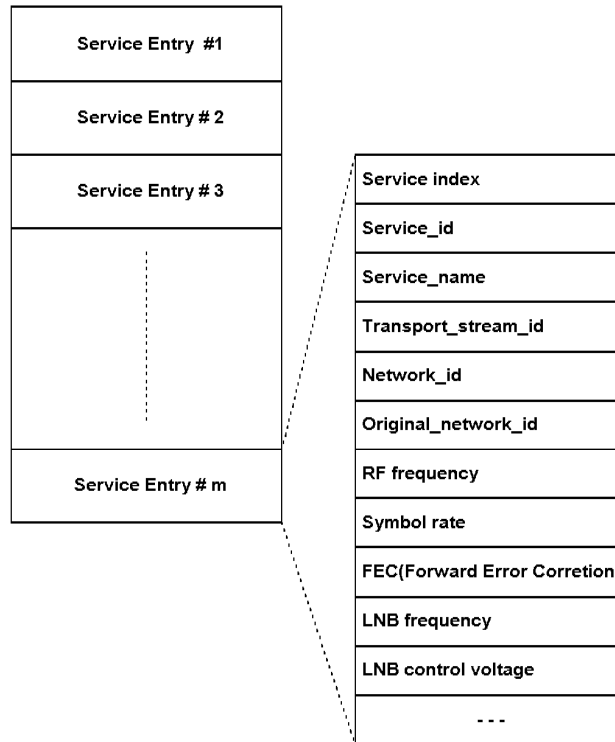
2

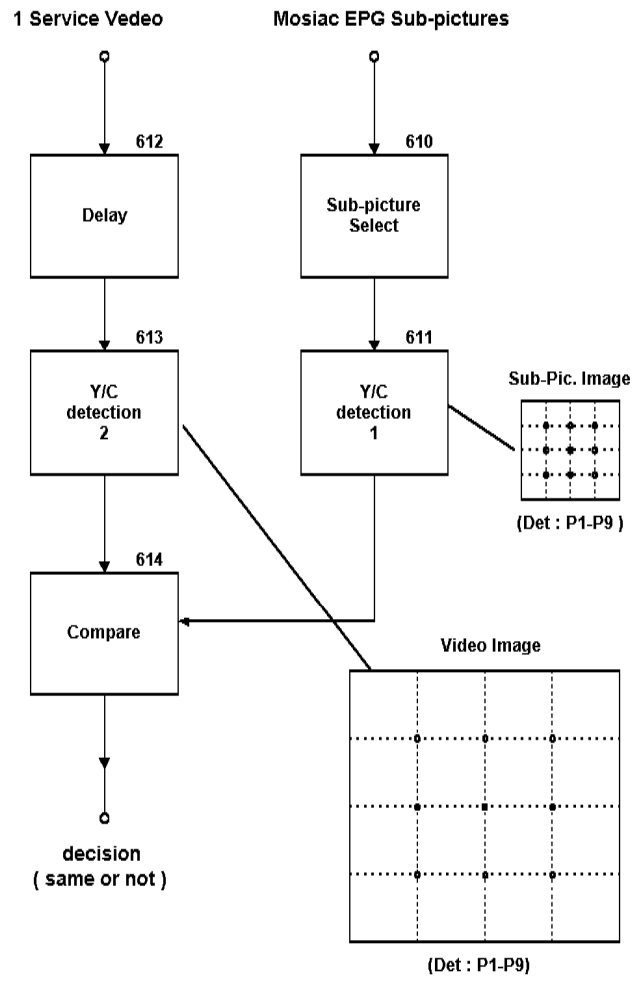


400(STB)



Service Entry List





Link_Service_Information

Service Entry List

Sub-pic 2 Indicator (X2,Y2)	Service Entry #1
Sub-pic 8 Indicator (X8,Y8)	Service Entry # 2
Sub-pic 1 Indicator (X1,Y1)	Service Entry # 3
⋮	⋮

Service index
Service_id
Service_name
Transport_stream_id
Network_id
Original_network_id
RF frequency
Symbol rate
FEC(Forward Error Corretion)
LNB frequency
LNB control voltage

