(19) (KR)
(12) (B1)

(45) 2010 04 23
(11) 10-0954070
(24) 2010 04 14

(51) Int. Cl.
*H04N 5/76* (2006.01) *H04N 5/775* (2006.01)
(21) 10-2004-7009118
(22) ( ) 2002 12 09
2007 12 07
(85) 2004 06 11
(65) 10-2004-0066899
(43) 2004 07 27
(86) PCT/US2002/039469
(87) WO 2003/053051
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10/020,790 2001 12 14 (US)
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KR1019990078007 A
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(73)
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4437
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**(54)**

*(57)*

(200) (100)
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(216 220); ,
(220) ,
(218) . ,
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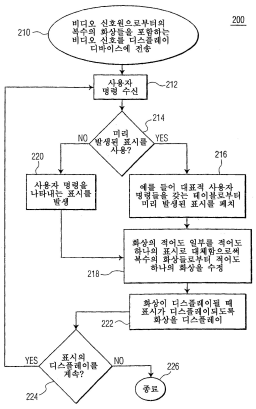

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**12**

, (120) : ; , (118) , , (118); , , , (114); , .

**13**

12 , MPEG , .

**14**

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[0001] ,
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[0002] (DTV) - (HDTV : high-definition televisions)
.
(DVD : digital video disc)
DVD . , DTV(
HDTV) .

[0003] ,
MPEG .
( -DTV -HDTV) ,
, MPEG . ,
DTV MPEG . , DTV ,
DTV
.

[0004] , DTV . ,
(OSD : on screen display) . , DVD
OSD (complementary circuitry) .
OSD
. , DVD
(3X) , OSD ,
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[0005] OSD /DTV . , DTV
, DTV ,
DTV OSD . ,
OSD , DTV OSD
DTV . ,

OSD .

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[0014] ,
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[0016] (100) 1 .
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[0017] (100) (112) (110) .
(100) , (114), (116), / ( ; 118),
(120) (124) . (118) , (112) (122)
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. (114), (118) (124)
(122) .

[0018] , (110) (112)
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. (116) OSD
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(114) (118) ,
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(112) .

[0019] , (114) (118)
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(114) (124) . (114)
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(124) , (118)
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[0020] , (120) ,
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[0021] 2 (200)
. (210) ,
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. ,
(separate entity) . ,
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[0022] (212) , . (214) ,
, (200) (220) . (220)
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" (on the fly)" . ,
, (216) , ,
(fetch) . (218) ,
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[0023] (222) , ( )
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(226) . , (200) ,
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[0024] ( 220 216) ( 218) , ,
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(I) . I .
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(B) . (218) B
B ,
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[0025]
. , I, P B . , B
. B MPEG
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B .

[0026] 3a 3b B . 3a , (120) B . , , . , 3a 20 . , (101 120) . .

[0027] , B , , , . , , (1 100) . . , . , . , , , .

[0028] , , . 3b . , 3a 3b . , (50 70) . , ( 70) ( 71) , . I .

[0029] , 3b (1 71) . , . 3a , . , , I . , (70) (71) I , (50 70) , .

[0030] , (70 71) I , ( 71) . , (71) (71) . (71) . 3a 3b . , B , , . , .

[0031] , B . , 3a 3b P

. , I ; ,
( 3b ) I I
, . , (dummy) B P .
, (trick mode) .

[0032] ,
.

[0010] 1 (inventive arrangements)
.

[0011] 2 .

[0012] 3a
.

[0013] 3b
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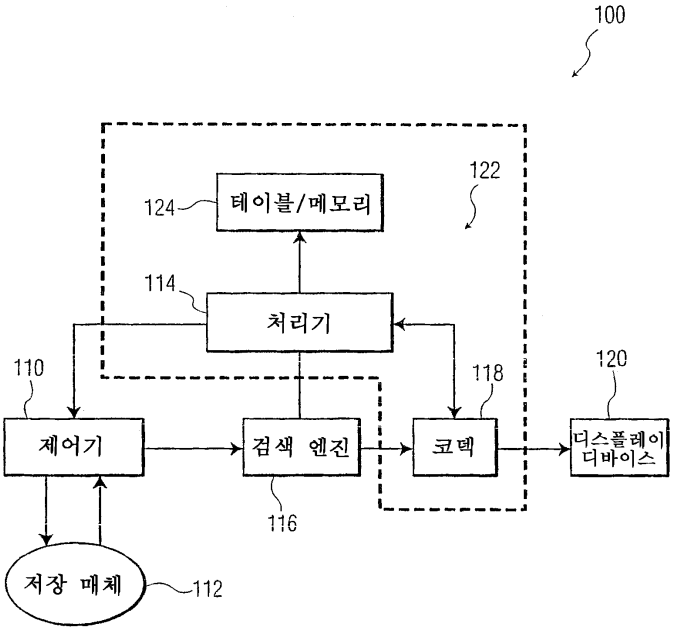

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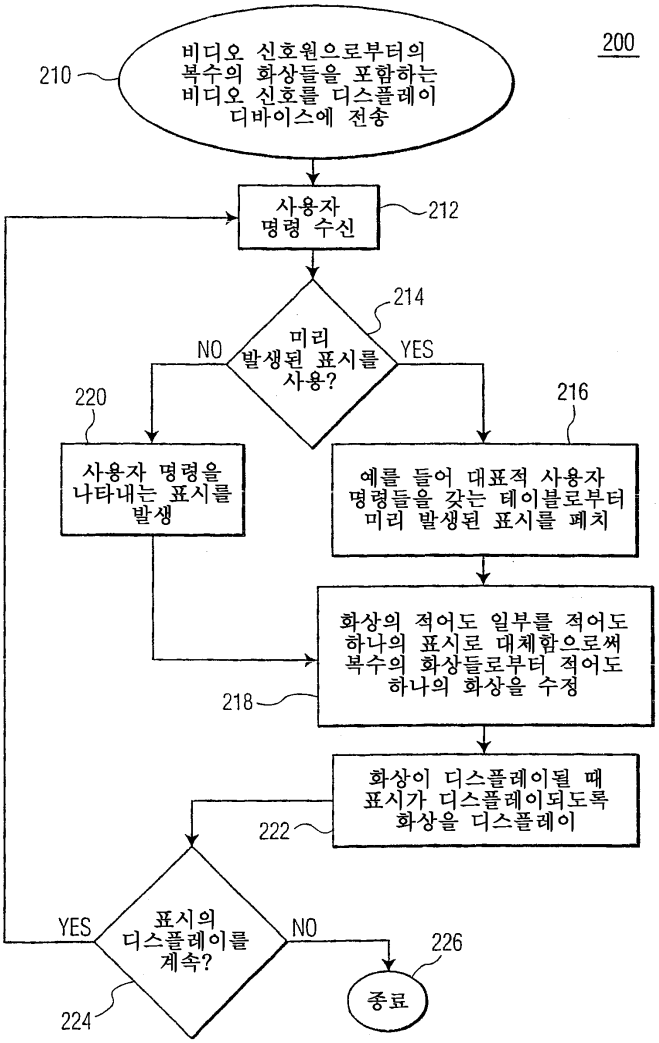
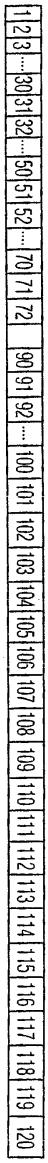

200
210
비디오 신호원으로부터의 복수의 화상들을 포함하는 비디오 신호를 디스플레이 디바이스에 전송
사용자 명령 수신
212
214
미리 발생된 표시를 사용?
NO
YES
220
216
사용자 명령을 나타내는 표시를 발생
예를 들어 대표적 사용자 명령들을 갖는 테이블로부터 미리 발생된 표시를 폐치
화상의 적어도 일부를 적어도 하나의 표시로 대체함으로써 복수의 화상들로부터 적어도 하나의 화상을 수정
218
화상이 디스플레이될 때 표시가 디스플레이되도록 화상을 디스플레이
222
표시의 디스플레이를 계속?
YES
NO
224
226
종료

*3a*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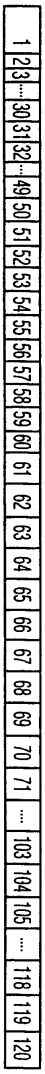
*3b*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