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2003-0055414  
2003 07 04

(21) 10-2001-0084934  
(22) 2001 12 26

(71) 가 161

(72) 150-11 201

204 1404

111 1801

(74)

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(54)

(demultiplexing)

가

1  
 2 ATSC DVB  
 3 DVB ATSC  
 4 1  
 5 2  
 6a 6b  
 7 3

1  
 ATSC(advanced television systems committee) (110)  
 120) DVB(digital video broadcasting) (130) DVB ( )  
 DVB (150) ATSC (140) DVB (160) ATSC ATSC  
 ATSC , ATSC A/52 AC-3  
 가 (electronic program guide, EPG )  
 MPEG(motion picture experts group) PSI(program specific information) ATSC  
 A/65 PSIP(program and system information protocol)  
 , DVB ISO/IEC 11172-3 13818  
 -3 MPEG PSI DVB EN 300 468 SI(system in  
 formation) ATSC DVB DVB  
 SI ATSC PSIP, PSI  
 2 ATSC DVB  
 2 , ATSC ATSC  
 ATSC (210) ATSC (220)



4 1  
 4 (420), (430), (440),  
 450 (460) (410)  
 (420) (430) 가  
 (440) (420) (430)  
 (431)  
 (450) (440)  
 (460) (450)

5 2  
 5 (530) 2 (510), (520),  
 (510) PID(packet identifier)  
 (520) (520)  
 (530) (520)

(510) PID (511), (512), (513), (514)  
 PID (511) PID  
 (512) PID (511) (520)  
 (513) (520)  
 (514)

(533), PSIP/PSI/SI (530) (531), (532), PSIP/PSI/SI  
 (537) (534), (535), (536),  
 (531) (520)

(532) (531)가

PSIP/PSI/SI (533)

PSIP/PSI/SI (534) 가 , ,

(535) PSIP/PSI/SI (534)

(536) (535) (510)  
(520)

(537) 가

2

(512) (520) PID (511) PID  
(531) (520)  
가 (532)  
(535) PSIP/PSI/SI (533) (534)  
PSIP/PSI/SI (534) (534)  
(534) (536) (535)  
(534) (513) (513)  
(520) (514)

6a 6b

6a ATSC , 6b DVB DVB ATSC

6a ATSC DVB

6a (610) ATSC (640) ATSC DVB  
SI/PSI PSIP/PSI (641)

A/V (630<sub>1</sub>, 630<sub>N</sub>) (640) SI/PSI (641) DVB  
) DVB (650) DVB (631<sub>1</sub>, 631<sub>N</sub>) (660)

DVB 6a ATSC ATSC DVB ATSC

DVB (740) DVB (710) DVB  
SI/PSI ATSC PSIP/PSI  
(741)

7 3 .

3 1 가 .

7 3 (820), (830), (840),  
 (850), (860) (870) .

(820) (810) (822)

(830) 가

(840) (820) (830)

(831) .

(850) (840)

(860) (821)

(870) (860)가

(860) (870)

3 / (880)

3 가

(57)

1.

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가

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1 2.

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3.

PID(packet identifier)

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3 4.

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PID(packet identifier)

PID ;

4 5.

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PID

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3 6.

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가

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가

7.

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가

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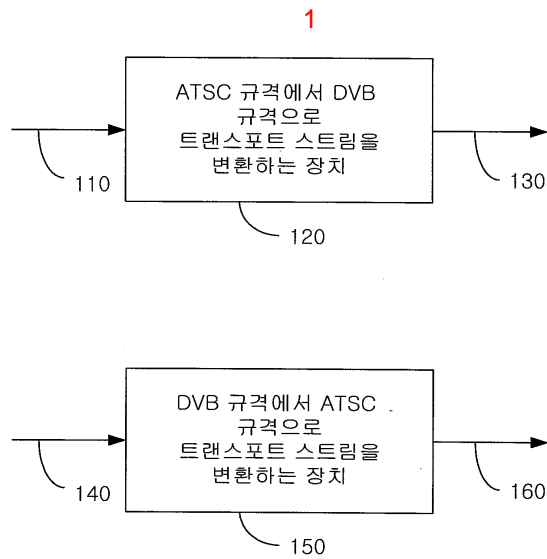
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8.

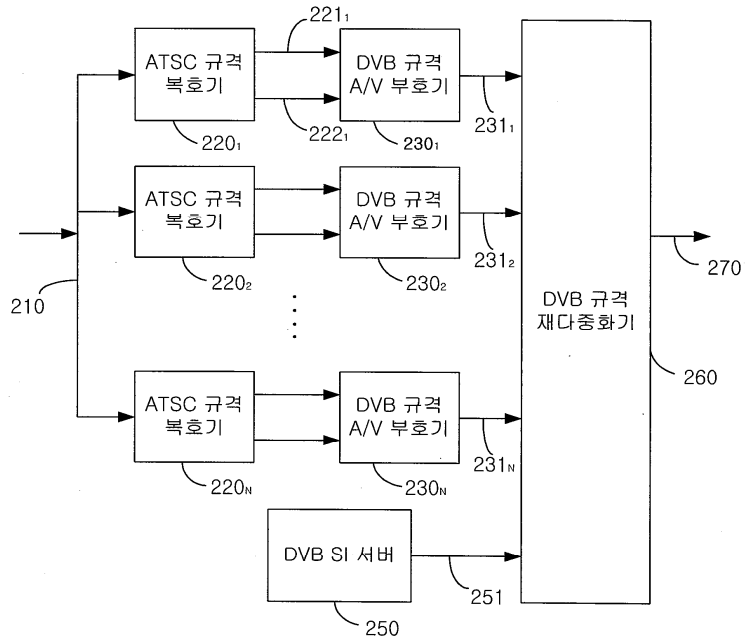
7

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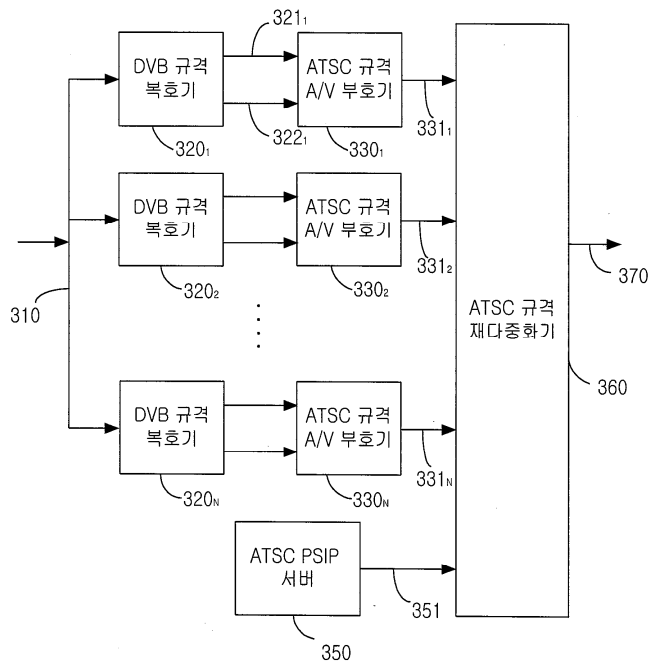




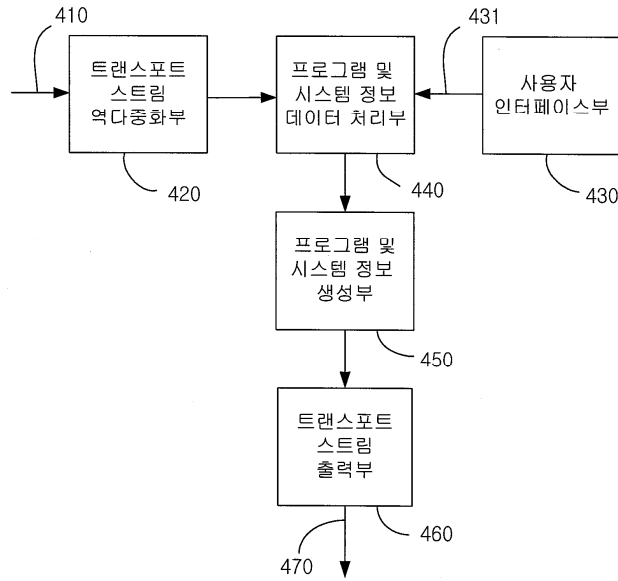
2



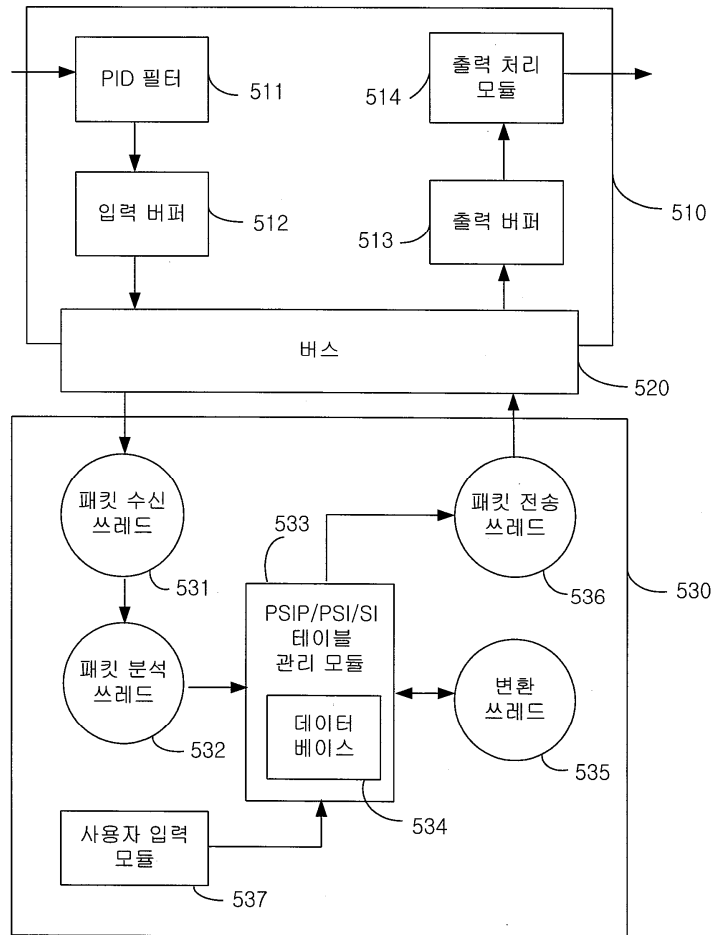
3



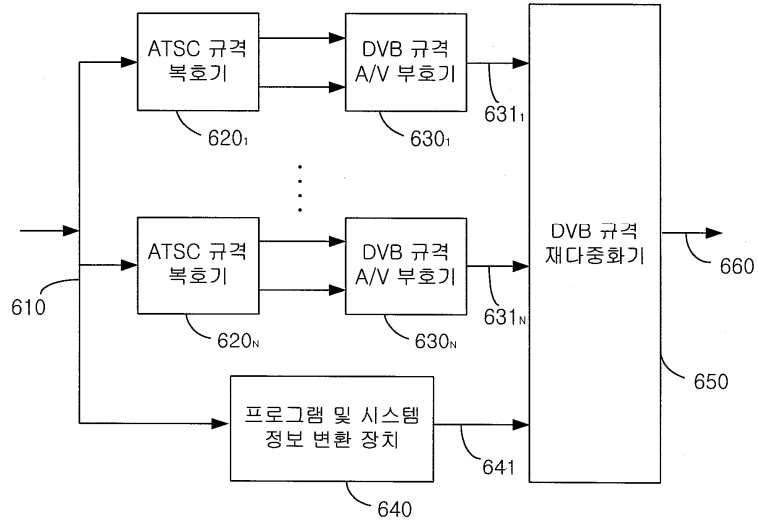
4



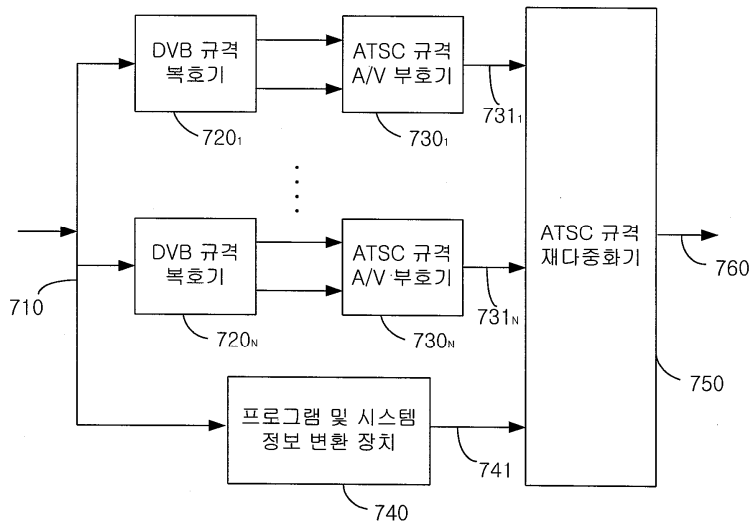
5



6a



6b



7

