

Title (en)
 APPARATUS AND METHOD FOR TRANSMITTING/RECEIVING 3D STEREOSCOPIC DIGITAL BROADCAST SIGNAL BY USING 3D STEREOSCOPIC VIDEO ADDITIONAL DATA

Title (de)
 VORRICHTUNG UND VERFAHREN ZUM SENDEN/EMPFANGEN EINES STEREOSKOPISCHEN DIGITALEN 3D-AUSSTRAHLUNGSSIGNALS DURCH VERWENDUNG VON ZUSÄTZLICHEN STEREOSKOPISCHEN 3D-VIDEODATEN

Title (fr)
 DISPOSITIF ET PROCÉDE POUR LA TRANSMISSION/RECEPTION DE SIGNAL DE DIFFUSION NUMERIQUE STEREOSCOPIQUE 3D PAR LE BIAIS DE DONNEES VIDEO STEREOSCOPIQUES 3D SUPPLEMENTAIRES

Publication
EP 1751979 A4 20091223 (EN)

Application
EP 04808260 A 20041130

Priority
 • KR 2004003129 W 20041130
 • KR 20040036566 A 20040521

Abstract (en)
 [origin: WO2005114998A1] Provided are a three-dimensional (3D) stereoscopic digital broadcasting transmitting/receiving apparatus and method using 3D stereoscopic video additional data. The apparatus and method is compatible with a two-dimensional (2D) digital broadcasting system by defining and processing 3D stereoscopic video additional data, such as another 3D video, disparity information, and depth information, as an additional stream added to a 2D video transport stream, which is different from the conventional method that provides a 3D stereoscopic digital broadcasting system by using video of another viewpoint. The 3D stereoscopic digital broadcast transmitting apparatus includes: a video acquiring unit; an audio data acquiring unit, an encoding unit, a program specific information (PSI) generating unit, a packetizing unit, a transport stream (TS) generating unit, a multiplexing unit, and a modulating unit.

IPC 8 full level
H04N 7/08 (2006.01); **H04H 20/28** (2008.01); **H04H 20/95** (2008.01); **H04N 7/173** (2011.01); **H04N 13/00** (2006.01); **H04N 21/235** (2011.01); **H04N 21/236** (2011.01); **H04N 21/431** (2011.01); **H04N 21/435** (2011.01)

CPC (source: EP KR)
H04N 7/08 (2013.01 - KR); **H04N 13/178** (2018.04 - EP); **H04N 13/194** (2018.04 - EP); **H04N 19/597** (2014.11 - EP); **H04N 21/235** (2013.01 - EP); **H04N 21/23614** (2013.01 - EP); **H04N 21/2365** (2013.01 - EP); **H04N 21/2389** (2013.01 - EP); **H04N 21/4348** (2013.01 - EP); **H04N 21/435** (2013.01 - EP)

Citation (search report)
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WO 2005114998 A1 20051201; CN 100563324 C 20091125; CN 1954606 A 20070425; EP 1751979 A1 20070214; EP 1751979 A4 20091223; JP 2008500790 A 20080110; JP 4828535 B2 20111130; KR 100585966 B1 20060601; KR 20050111379 A 20051124

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