

Title (en)
APPARATUS FOR TRANSMITTING AND RECEIVING DIGITAL MULTIMEDIA BROADCASTING FOR HIGH-QUALITY VIDEO SERVICE

Title (de)
VORRICHTUNG ZUM SENDEN UND EMPFANGEN EINER DIGITALEN MULTIMEDIA-AUSSTRAHLUNG FÜR QUALITATIV HOCHWERTIGEN VIDEODIENST

Title (fr)
APPAREIL POUR TRANSMETTRE ET POUR RECEVOIR UNE DIFFUSION MULTIMEDIA NUMERIQUE POUR UN SERVICE VIDEO DE HAUTE QUALITE

Publication
EP 1938596 A4 20120328 (EN)

Application
EP 06798928 A 20060927

Priority

- KR 2006003845 W 20060927
- KR 20050090067 A 20050927
- KR 20060065109 A 20060711

Abstract (en)
[origin: WO2007037618A1] Provided is a Digital Multimedia Broadcasting (DMB) transmitting/receiving apparatus. The DMB apparatus for a high-quality video service includes: a source encoder for source-encoding audio and video signals into base layer streams and enhancement layer streams, individually; a base layer transmission processor for receiving the base layer streams from the source encoder, performing system encoding, multiplexing encoded base layer streams into transport streams, and outputting base layer transport streams; an enhancement layer transmission processor for receiving the enhancement layer streams from the source encoder, performing system encoding, multiplexing the encoded enhancement layer streams into enhancement layer transport streams, and outputting enhancement layer transport streams; and a layered digital broadcasting transmitter for receiving the base layer transport streams and the enhancement layer transport streams from the base layer transmission processor and the enhancement layer transmission processor, and modulating the base and enhancement layer transport streams into digital broadcasting signals.

IPC 8 full level
H04N 7/015 (2006.01)

CPC (source: EP)
H04H 60/07 (2013.01); **H04N 21/234327** (2013.01); **H04N 21/2383** (2013.01); **H04N 21/4382** (2013.01); **H04N 21/4621** (2013.01); **H04N 21/6131** (2013.01); **H04N 21/631** (2013.01); **H04H 2201/20** (2013.01)

Citation (search report)

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- [X] US 2005018785 A1 20050127 - OSHIMA MITSUAKI [JP]
- [Y] MICHAEL J RUF ET AL: "Erhöhung der Datenkapazität bei DAB durch hierarchische Modulation", ITG FACHBERICHT 146, March 1998 (1998-03-01), Aachen, pages 1 - 6, XP002667259, Retrieved from the Internet <URL:http://www.fh-meschede.de/public/schulze/docs/ruf_schulze_itg1998.pdf> [retrieved on 20120117]
- [I] "Digital Video Broadcasting (DVB); Framing structure, channel coding and modulation for digital terrestrial television", EUROPEAN TELECOMMUNICATION STANDARD, XX, XX, vol. EN 300 744 V 1.5.1, 1 June 2004 (2004-06-01), pages 1 - 64, XP002980053
- See references of WO 2007037618A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007037618 A1 20070405; EP 1938596 A1 20080702; EP 1938596 A4 20120328

DOCDB simple family (application)
KR 2006003845 W 20060927; EP 06798928 A 20060927