Title (en)

DMB/MOBILE TELECOMMUNICATION INTEGRATED SERVICE TERMINAL APPARATUS AND METHOD FOR NETWORK LINKAGE BETWEEN DMB AND MOBILE TELECOMMUNICATION

Title (de)

INTEGRIERTES DMB/MOBILTELEKOMMUNIKATIONSENDGERÄT UND VERFAHREN ZUR NETZWERKVERKNÜPFUNG ZWISCHEN DMB- UND MOBILTELEKOMMUNIKATION

Title (fr)

APPAREIL ET PROCEDE DE TERMINAL A SERVICE INTEGRE DE TELECOMMUNICATION DE DIFFUSION MULTIMEDIA NUMERIQUE/ MOBILE POUR LIAISON DE RESEAU ENTRE UNE TELECOMMUNICATION DE DIFFUSION MULTIMEDIA NUMERIQUE ET MOBILE

Publication

EP 1774778 A4 20070808 (EN)

Application

EP 05740847 A 20050520

Priority

- KR 2005001482 W 20050520
- KR 20040049400 A 20040629
- KR 20050027365 A 20050331

Abstract (en)

[origin: WO2006001600A1] Provided is a DMB/mobile telecommunication integrated service terminal and a method for connecting a DMB network and a mobile telecommunication network, which can provide a DMB broadcasting service in a mobile environment and a two-way data service through a mobile telecommunication network simultaneously by integrating a mobile telecommunication terminal and a mobile DMB receiving terminal and physically/logically connecting them into one entity. The DMB/mobile telecommunication integrated service terminal for connecting a network between DMB and a mobile telecommunication includes a DMB broadcasting processing block for extracting video/audio and synchronized data, transmitting the video/audio to corresponding application program for restoration, and transmitting the DMB data to a DMB/ mobile telecommunication network connecting block, but generating network linkage data by integrating mobile data with the DMB data in case that the mobile data are transmitted from a mobile telecommunication accessing block; a DMB/mobile telecommunication network connecting block for controlling the DMB broadcasting processing block, an application program or a mobile telecommunication accessing block to receive a DMB broadcasting or provide a mobile telecommunication service, requesting additional mobile data to a return channel server through the mobile telecommunication accessing block upon a user request during DMB broadcasting reception, and processing the network linkage data generated in the DMB broadcasting processing block; and the mobile telecommunication accessing block for performing a mobile telecommunication network accessing process receiving the mobile data from the return channel server, and transmitting the mobile data to the DMB broadcasting processing block or the DMB/mobile telecommunication network connecting block under control of the DMB/mobile telecommunication network connecting block. The DMB/mobile telecommunication integrated service terminal is applied to a DMB/mobile telecommunication integrated service.

IPC 8 full level

H04N 5/00 (2011.01); **H04N 5/44** (2006.01); **H04N 7/00** (2006.01); **H04N 7/173** (2006.01); **H04N 7/24** (2011.01)

CPC (source: EP)

H04H 60/91 (2013.01); **H04L 65/611** (2022.05); **H04N 21/4345** (2013.01); **H04N 21/4431** (2013.01); **H04N 21/4622** (2013.01); **H04N 21/6131** (2013.01); H04N 2007/1739 (2013.01); H04W 4/06 (2013.01); H04W 8/245 (2013.01); H04W 74/00 (2013.01)

Citation (search report)

- [YA] WO 2004036797 A1 20040429 - NOKIA CORP [FI], et al
- [YA] EP 1298836 A1 20030402 - MOTOROLA INC [US]
- [A] US 2004005900 A1 20040108 - ZILLIACUS MARTIN [FI]
- [A] WO 0172076 A1 20010927 - NOKIA OYJ [FI], et al
- See references of WO 2006001600A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006001600 A1 20060105; EP 1774778 A1 20070418; EP 1774778 A4 20070808

DOCDB simple family (application)

KR 2005001482 W 20050520; EP 05740847 A 20050520