

Title (en)
DIGITAL RADIO BROADCAST TRANSMITTING/ RECEIVING SYSTEM FOR PROVIDING DOWNLOAD SERVICE OF DATA FILES RELATED TO BROADCAST CONTENTS AND METHOD THEREFOR

Title (de)
DIGITALES FUNKAUSSTRAHLUNGS-SENDE-/EMPFANGSSYSTEM ZUR BEREITSTELLUNG EINES HERUNTERLADEDIENSTES VON DATEIEN IN BEZUG AUF AUSGESTRAHLTE INHALTE UND VERFAHREN DAFÜR

Title (fr)
SYSTEME DE TRANSMISSION/RECEPTION DE RADIODIFFUSION NUMERIQUE PERMETTANT D'OBTENIR UN SERVICE DE TELECHARGEMENT DE FICHIERS DE DONNEES ASSOCIES A DES CONTENUS DE DIFFUSION ET PROCEDE ASSOCIE

Publication
EP 1678896 A4 20100804 (EN)

Application
EP 04773881 A 20040604

Priority
• KR 2004001342 W 20040604
• KR 20030075589 A 20031028

Abstract (en)
[origin: WO2005041505A1] Provided are a digital radio broadcast transmitting/receiving system for providing a download service of data files related to broadcast contents, the method thereof, and a computer-readable recording medium for recording a program that implements the method. The system and method provide broadcast contents by, on the transmitting part, making the data files of the broadcast contents have the same title as the broadcast content, segmenting the data files, allocating the segments dynamically, and transmitting them to data broadcast stream; and, on the receiving part, extracting only the segments for the data files having the same title as a content selected by a user, restoring and storing the data files. The broadcast transmitting system includes a broadcast program data and content file collecting unit, a content stream generating unit, a broadcast program data encoding unit, a carousel broadcast scheduling unit, a data encoding unit, a multiplexing unit, and a digital radio transmitting unit.

IPC 8 full level
H04H 20/28 (2008.01); **H04H 20/72** (2008.01); **H04H 40/27** (2008.01); **H04H 60/27** (2008.01); **H04L 12/66** (2006.01); **H04L 29/06** (2006.01); **H04L 29/08** (2006.01)

IPC 8 main group level
H04H 1/00 (2006.01)

CPC (source: EP KR)
H04H 20/28 (2013.01 - EP); **H04H 20/40** (2013.01 - EP); **H04H 20/72** (2013.01 - EP); **H04H 40/27** (2013.01 - EP); **H04H 60/27** (2013.01 - EP); **H04L 12/66** (2013.01 - KR); **H04L 65/762** (2022.05 - EP); **H04L 67/06** (2013.01 - EP); **H04L 69/329** (2013.01 - EP)

Citation (search report)
• [I] EP 1148730 A2 20111024 - MATSUSHITA ELECTRIC IND CO LTD [JP]
• [I] EP 1304877 A1 20030423 - MATSUSHITA ELECTRIC IND CO LTD [JP]
• [A] EP 1063796 A2 20001227 - MATSUSHITA ELECTRIC IND CO LTD [JP]
• See references of WO 2005041505A1

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

DOCDB simple family (publication)
WO 2005041505 A1 20050506; CN 100574289 C 20091223; CN 1875591 A 20061206; EP 1678896 A1 20060712; EP 1678896 A4 20100804; KR 100597582 B1 20060707; KR 20050040395 A 20050503

DOCDB simple family (application)
KR 2004001342 W 20040604; CN 200480031844 A 20040604; EP 04773881 A 20040604; KR 20030075589 A 20031028