Title (en)

TRANSMISSION OF MULTICAST BROADCAST SERVICE (MBS) TRAFFIC IN A WIRELESS ENVIRONMENT

Title (de)

ÜBERTRAGUNG VON MULTICAST-RUNDFUNKDIENST (MSB)-VERKEHR IN EINER DRAHTLOSEN UMGEBUNG

Title (fr)

TRANSMISSION DE TRAFIC DE SERVICE DE DIFFUSION/DIFFUSION GROUPÉE (MBS) DANS UN ENVIRONNEMENT SANS FIL

Publication

EP 2474175 A4 20140924 (EN)

Application

EP 10813207 A 20100902

Priority

- US 23923909 P 20090902
- CA 2010001375 W 20100902

Abstract (en)

[origin: WO2011026235A1] Multicast broadcast service (MBS) transmission in a multiple-input-multiple- output (MIMO) communication being transmitted using one of three modes, a single-layer mode, a spatial multiplexing (SM) mode and a hierarchical mode. In the hierarchical mode, lower quality data is transmitted over a first MIMO layer and enhancement data is transmitted over a second MIMO layer. A receiving device may only successfully receive the lower quality data or may successfully receive the enhancement data to enhance it with. The transmission scheme used, including the mode used, may be selectable, and may be selected based on feedback.

IPC 8 full level

H04W 4/06 (2009.01)

CPC (source: EP KR)

H04L 27/0008 (2013.01 - EP); **H04L 27/26** (2013.01 - KR); **H04L 27/2604** (2013.01 - EP); **H04W 72/30** (2023.01 - EP); H04L 5/0028 (2013.01 - EP); H04L 25/0204 (2013.01 - EP); H04L 25/0228 (2013.01 - EP); H04L 25/03866 (2013.01 - EP); H04L 27/2655 (2013.01 - EP)

Citation (search report)

- [X] US 2005068918 A1 20050331 - MANTRAVADI ASHOK [US], et al
- [A] WO 2009039638 A1 20090402 - HO PIN-HAN [CA], et al
- [A] US 2008159186 A1 20080703 - STEER DAVID G [CA]
- See references of WO 2011026235A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

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DOCDB simple family (application)

CA 2010001375 W 20100902; CA 2772443 A 20100902; CN 201080049538 A 20100902; EP 10813207 A 20100902; JP 2012527169 A 20100902; KR 20127008555 A 20100902; RU 2012111977 A 20100902