

Title (en)

Digital Broadcast in areas with low transmission power

Title (de)

Digital Broadcast in sendeleistungssarmen Gebieten

Title (fr)

Radiodiffusion numérique pour des régions avec une puissance de transmission basse

Publication

**EP 1659792 A1 20060524 (DE)**

Application

**EP 04105974 A 20041122**

Priority

EP 04105974 A 20041122

Abstract (en)

The method involves transmitting programs and or data by a broadcast transmitter to a first transmission area having a first reception power and to a second transmission area having a second reception power. Programs and or data are received in the first transmission area by a receiving module of a retransmission unit. The programs and or data are converted by a conversion module of the retransmission unit. A mobile communication device is connected to an access node of a local wireless network having bidirectional communication in the second transmission area. The programs and or data in the second transmission area are retransmitted via a communication interface of the retransmission unit to the local wireless network. Programs and or data are received in the second transmission area by the mobile communication device via an interface of the mobile communication device to the local wireless network. The programs and or data are received in the second transmission area by the mobile communication device via the interface of the mobile communication device to the local wireless network and or via the broadcast interface. The mobile communication device is a mobile radio device for a GSM and or UMTS mobile radio network and the mobile radio device is identified in the mobile radio network by an identification module. The programs and or data are the group comprising DAB, DVB, DVB-H and GPS types.

IPC 8 full level

**H04H 60/91** (2008.01); **H04N 7/10** (2006.01)

IPC 8 main group level

**H04H 1/00** (2006.01)

CPC (source: EP US)

**H04H 20/02** (2013.01 - EP US); **H04H 60/91** (2013.01 - EP US)

Citation (search report)

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- [A] WO 0117255 A1 20010308 - NOKIA CORP [FI], et al
- [A] US 2004048567 A1 20040311 - OHGAMI YOICHI [JP], et al
- [A] EP 1195931 A2 20020410 - NOKIA CORP [FI]
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- [A] EP 1337055 A2 20030820 - DEUTSCHE TELEKOM AG [DE]

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DE102015220181A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1659792 A1 20060524**; US 2006109808 A1 20060525

DOCDB simple family (application)

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