

Title (en)

Method allowing mobile TV broadcasting on a single frequency and minimising interference with fixed TV receivers

Title (de)

Verfahren, das eine Mobil-TV-Ausstrahlung mit derselben Frequenz ermöglicht, bei der die Interferenzen bei Normalfernseh-Empfängern minimiert wird

Title (fr)

Procédé permettant une diffusion de TV mobile avec une même fréquence et minimisant les interférences sur des récepteurs de TV fixe

Publication

**EP 1993222 B1 20111130 (FR)**

Application

**EP 08290317 A 20080401**

Priority

FR 0702435 A 20070403

Abstract (en)

[origin: EP1993222A2] The method involves installing a multidirectional digital broadcasting transmitter (1) in a location same as that of a radio broadcasting equipment (3), whose power is larger than that of the transmitter. Radio coverage (Cv) of the equipment is extended by installing peripheral digital broadcasting transmitters (2) in rings around the transmitter (1). An emission beam from each transmitter (2) is oriented from a privileged direction towards the equipment serving a coexistence zone (Z) to reduce interference between each transmitter (2) and fixed TV antennas (4) near the peripheral transmitter. An independent claim is also included for a network for radio communication broadcasting of TV or radio program.

IPC 8 full level

**H04N 7/24** (2011.01)

CPC (source: EP)

**H04H 20/12** (2013.01); **H04H 20/67** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**FR 2914809 A1 20081010**; **FR 2914809 B1 20090522**; AT E536047 T1 20111215; EP 1993222 A2 20081119; EP 1993222 A3 20090422; EP 1993222 B1 20111130

DOCDB simple family (application)

**FR 0702435 A 20070403**; AT 08290317 T 20080401; EP 08290317 A 20080401