

Title (en)

METHODS OF RADIO COMMUNICATION INVOLVING MULTIPLE RADIO CHANNELS, AND RADIO SIGNAL REPEATER AND MOBILE STATION APPARATUSES IMPLEMENTING SAME

Title (de)

VERFAHREN ZUR FUNKKOMMUNIKATION UNTER NUTZUNG MEHRERER FUNKKANÄLE SOWIE FUNKSIGNALVERSTÄRKER UND MOBILSTATIONSVORRICHTUNGEN DAMIT

Title (fr)

PROCÉDÉS DE COMMUNICATION RADIO METTANT EN OEUVRE DES CANAUX RADIO MULTIPLES, ET RÉPÉTITEUR DE SIGNAL RADIO ET APPAREILS DE STATION MOBILE LES UTILISANT

Publication

EP 2481235 A1 20120801 (EN)

Application

EP 10818208 A 20100924

Priority

- US 24534909 P 20090924
- CA 2010001530 W 20100924

Abstract (en)

[origin: WO2011035440A1] A method of facilitating radio communications involves receiving a first message from a first remote radio station on a first radio channel, transmitting the first message to a second remote radio station on a second radio channel, receiving a second message from the second remote radio station on a third radio channel, and transmitting the second message to the first remote radio station on a fourth radio channel. A method of radio communication involves receiving a first radio signal from a first remote radio station on a first radio channel, transmitting a second radio signal to the first remote radio station on a second radio channel, receiving a third radio signal from a second remote radio station on a third radio channel, and transmitting a fourth radio signal to the second remote radio station on a fourth radio channel. Radio signal repeater and mobile station apparatuses are also disclosed.

IPC 8 full level

H04W 16/26 (2009.01); **H04B 7/15** (2006.01); **H04W 24/10** (2009.01); **H04W 72/54** (2023.01)

CPC (source: EP KR)

H04B 7/14 (2013.01 - KR); **H04B 7/15542** (2013.01 - EP KR); **H04B 7/204** (2013.01 - KR); **H04B 7/2606** (2013.01 - EP KR);
H04W 72/0453 (2013.01 - EP KR); **H04W 72/542** (2023.01 - KR); **H04W 84/047** (2013.01 - KR); **H04W 84/08** (2013.01 - KR);
H04W 72/542 (2023.01 - EP); **H04W 84/047** (2013.01 - EP)

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)

WO 2011035440 A1 20110331; BR 112012006760 A2 20190924; CA 2773485 A1 20110331; CN 102714802 A 20121003;
CN 102714802 B 20160316; EP 2481235 A1 20120801; EP 2481235 A4 20171011; JP 2013506320 A 20130221; JP 5699151 B2 20150408;
KR 101712230 B1 20170303; KR 20120095881 A 20120829; RU 2012115662 A 20131027; RU 2553282 C2 20150610

DOCDB simple family (application)

CA 2010001530 W 20100924; BR 112012006760 A 20100924; CA 2773485 A 20100924; CN 201080053199 A 20100924;
EP 10818208 A 20100924; JP 2012530063 A 20100924; KR 20127010385 A 20100924; RU 2012115662 A 20100924