

Title (en)
SPECTRAL REUSE TRANSCEIVER-BASED AGGREGATION OF DISJOINT, RELATIVELY NARROW BANDWIDTH (VOICE) CHANNEL SEGMENTS OF RADIO SPECTRUM FOR WIDEBAND RF COMMUNICATION APPLICATIONS

Title (de)
AUF SENDEEMPFÄNGER MIT SPEKTRALER WIEDERVERWENDUNG BASIERENDE DISJUNKTAGGREGATION, KANALSEGMENTE MIT RELATIV ENGER BANDBREITE (SPRACHE) EINES FUNKSPEKTRUMS FÜR BREITBAND-FUNKKOMMUNIKATIONSANWENDUNGEN

Title (fr)
REGROUPEMENT PAR UN ÉMETTEUR-RÉCEPTEUR À RÉUTILISATION DU SPECTRE, DE SEGMENTS DE VOIE DISJOINTS À BANDE RELATIVEMENT ÉTROITE (VOIX) DU SPECTRE RADIO DESTINÉ À DES APPLICATIONS DE COMMUNICATION RF À LARGE BANDE

Publication
EP 1999870 A4 20110914 (EN)

Application
EP 07752756 A 20070309

Priority
• US 2007006078 W 20070309
• US 78410506 P 20060320
• US 53230606 A 20060915

Abstract (en)
[origin: WO2007109169A2] A network of stations uses bandwidth assigned to primary users on a secondary user basis. The stations having a status of needing to send information indicate a need for transmission access by transmitting, simultaneously with transmissions indicating a need for transmission access from other stations of the network, an indication of status to a master station. Each station indicating need for transmission access transmits that indication of status on a respectively different frequency. The master station then grants access to the transmission bandwidth to the requesting stations.

IPC 8 full level
H04L 5/00 (2006.01)

CPC (source: EP)
H04B 1/715 (2013.01); **H04J 11/0023** (2013.01); **H04L 5/0005** (2013.01); **H04L 5/0037** (2013.01); **H04W 74/004** (2013.01); **H04W 74/02** (2013.01)

Citation (search report)
• [XYI] US 6483814 B1 20021119 - HSU HUI-PIN [US], et al
• [Y] US 6246713 B1 20010612 - MATTISSON SVEN [SE]
• [A] US 6252910 B1 20010626 - WEST RANDALL J [US], et al
• [A] US 5199109 A 19930330 - BAKER WILLIAM [US]
• See references of WO 2007108963A2

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

DOCDB simple family (publication)
WO 2007109169 A2 20070927; WO 2007109169 A3 20081127; WO 2007109169 A9 20090108; AU 2007227451 A1 20070927; AU 2007227452 A1 20070927; AU 2007227708 A1 20070927; AU 2007227711 A1 20070927; AU 2011250677 A1 20111201; AU 2011250678 A1 20111201; CA 2645424 A1 20070927; CA 2646736 A1 20070927; CA 2647022 A1 20070927; CA 2647023 A1 20070927; CN 101461189 A 20090617; CN 101502024 A 20090805; CN 101507146 A 20090812; CN 101507157 A 20090812; EP 1999870 A2 20081210; EP 1999870 A4 20110914; EP 2002567 A2 20081217; EP 2002567 A4 20110817; EP 2005654 A2 20081224; EP 2005654 A4 20110309; EP 2011252 A2 20090107; EP 2011252 A4 20111130; WO 2007109170 A2 20070927; WO 2007109170 A3 20081009

DOCDB simple family (application)
US 2007006697 W 20070316; AU 2007227451 A 20070316; AU 2007227452 A 20070316; AU 2007227708 A 20070309; AU 2007227711 A 20070309; AU 2011250677 A 20111109; AU 2011250678 A 20111109; CA 2645424 A 20070316; CA 2646736 A 20070316; CA 2647022 A 20070309; CA 2647023 A 20070309; CN 200780017839 A 20070309; CN 200780017841 A 20070309; CN 200780017870 A 20070316; CN 200780018002 A 20070316; EP 07752756 A 20070309; EP 07752772 A 20070309; EP 07753332 A 20070316; EP 07753333 A 20070316; US 2007006698 W 20070316