Title (en)

TECHNIQUES FOR QUICK ACCESS CHANNEL INFORMATION LOADING IN WIRELESS NETWORKS

Title (de)

TECHNIKEN ZUM SCHNELLEN ZUGANGSKANALINFORMATIONSLADEN IN DRAHTLOSEN NETZEN

Title (fr)

TECHNIQUES POUR CHARGER DES INFORMATIONS DE CANAL D ACCÈS RAPIDE DANS DES RÉSEAUX SANS FIL

Publication

EP 2394375 A2 20111214 (EN)

Application

EP 09824206 A 20091031

Priority

- US 2009062902 W 20091031
- US 11054408 P 20081031
- US 37839009 A 20090213

Abstract (en)

[origin: WO2010051516A2] An embodiment of the present invention provides a method of quick access channel information loading in wireless networks, comprising mapping at least one quick access channel to one distributed resource unit of control tiles, said control tiles being spread across consecutive sub-carriers and consecutive OFDMA symbols, wherein each control tile and a predetermined number of sub carriers are used to send a bandwidth indicator and a predetermined number of sub carriers are used to send a bandwidth request message, and wherein there exist unique orthogonal sequences for the bandwidth indicator and each of the sequences are capable of being selected as a preamble sequence.

IPC 8 full level

H04B 7/26 (2006.01); **H04L 5/00** (2006.01); **H04L 27/26** (2006.01); **H04W 74/00** (2009.01)

CPC (source: EP US)

H04L 5/0007 (2013.01 - EP); **H04L 5/0037** (2013.01 - EP); **H04L 5/0053** (2013.01 - EP); **H04L 27/2613** (2013.01 - EP US)

Cited by

US8718080B2

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010051516 A2 20100506; **WO 2010051516 A3 20100708**; CN 102273099 A 20111207; EP 2394375 A2 20111214; EP 2394375 A4 20150617

DOCDB simple family (application)

US 2009062902 W 20091031; CN 200980153567 A 20091031; EP 09824206 A 20091031