

Title (en)

TRANSMISSION PATTERN FOR THE TRANSMISSION OF DATA IN A RADIO COMMUNICATIONS SYSTEM

Title (de)

ÜBERTRAGUNGSMUSTER FÜR DIE ÜBERTRAGUNG VON DATEN IN EINEM FUNKKOMMUNIKATIONSSYSTEM

Title (fr)

MODÈLE DE TRANSMISSION POUR LA TRANSMISSION DE DONNÉES DANS UN SYSTÈME DE COMMUNICATION RADIO

Publication

EP 2044744 A1 20090408 (DE)

Application

EP 07765808 A 20070705

Priority

- EP 2007056809 W 20070705
- DE 102006032495 A 20060713

Abstract (en)

[origin: WO2008006767A1] The subject matter of the invention is a method for the transmission of data between base stations and terminal devices in a radio communications system. The method uses at least one first time-frequency-spectrum which contains a plurality of transmission resources (res1; res2). A transmission resource (res1; res2) is defined by means of a section of the time-frequency-spectrum, which is formed by at least one subcarrier subdivided into time slots (st1 - st4) and by at least one time slot (ts1 - ts8). As part of the method, data are transmitted between a base station and a terminal device in a frame (fr1, - fr2) on one transmission resource. The inventive method is characterized in that the base station transmits the data in such a way that a combination of subcarriers and/or time slots of the transmission resource used for the transmission of the frame forms a transmission pattern (p1; p2) characterizing the nature of the data. The base station selects the transmission pattern from a number of previously defined transmission patterns, depending on the nature of the data to be transmitted.

IPC 8 full level

H04L 27/26 (2006.01); **H04W 72/04** (2009.01); **H04W 72/08** (2009.01)

CPC (source: EP US)

H04W 72/044 (2013.01 - EP US); **H04L 5/0044** (2013.01 - EP US); **H04W 72/54** (2023.01 - EP US)

Citation (search report)

See references of WO 2008006767A1

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008006767 A1 20080117; CN 101491048 A 20090722; CN 101491048 B 20150617; DE 102006032495 A1 20080207; EP 2044744 A1 20090408; US 2010027500 A1 20100204

DOCDB simple family (application)

EP 2007056809 W 20070705; CN 200780026501 A 20070705; DE 102006032495 A 20060713; EP 07765808 A 20070705; US 30926207 A 20070705