Title (en)

BASE STATION AND RECEIVER FOR A MOBILE COMMUNICATION SYSTEM WITH TDMA COMPONENTS

Title (de)

BASISSTATION FÜR EIN MOBILES KOMMUNIKATIONSSYSTEM MIT ZEITMULTIPLEX (TDMA) UND KODEMULTIPLEX (CDMA)

Title (fr)

STATION DE BASE ET RECEPTEUR POUR SYSTEME DE COMMUNICATION RADIOMOBILE COMPORTANT DES ELEMENTS AMRT

Publication

EP 1027812 A2 20000816 (DE)

Application

EP 98961015 A 19981016

Priority

- DE 9803039 W 19981016
- DE 19747382 A 19971027

Abstract (en)

[origin: WO9922531A2] The inventive base station for a mobile communication system with TDMA components contains a signal processing device (SP) to prepare useful information (ni) and organisational information (oi) for transmission via a radio interface. The signal processing device (SP) is controlled by a control device (SE) in such a way that the useful information (ni) is prepared for transmission in a frequency channel (FK1) of a first high frequency carrier (TRI) with TDMA components and the organisational information (oi) is prepared independently from the useful information (ni) for transmission in a frequency channel (FK2) of a second high frequency carrier (TR2) with TDMA components. The frequency channel of the first high frequency carrier has a larger band width than the frequency channel of the second high frequency channel. Separate transmission devices (UE1, UE2) modulate a transmission signal (tx2) for high frequency transmission of the organisational information using the second high frequency carrier and a transmission signal (tx1) for high frequency emission of useful information using the second high frequency carrier.

IPC 1-7

H04Q 7/30

IPC 8 full level

H04B 7/26 (2006.01); **H04Q 7/30** (2006.01); **H04W 88/08** (2009.01)

CPC (source: EP)

H04B 7/2618 (2013.01); **H04W 88/08** (2013.01)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 9922531 A2 19990506; **WO 9922531 A3 19990701**; AU 1660499 A 19990517; EP 1027812 A2 20000816

DOCDB simple family (application)

DE 9803039 W 19981016; AU 1660499 A 19981016; EP 98961015 A 19981016