

Title (en)

METHOD AND SYSTEM FOR DYNAMIC ALLOCATION OF RADIO CHANNELS IN DIGITAL TELECOMMUNICATION NETWORKS

Title (de)

VERFAHREN UND SYSTEM ZUR DYNAMISCHEN ZUWEISUNG VON FUNKKANÄLEN IN DIGITALEN TELEKOMMUNIKATIONSNETZEN

Title (fr)

PROCEDE ET SYSTEME D'ALLOCATION DYNAMIQUE DE CANAUX RADIOPHONIQUES DANS DES RESEAUX DE TELECOMMUNICATION NUMERIQUE

Publication

EP 1198964 A1 20020424 (EN)

Application

EP 00954564 A 20000724

Priority

- EP 0007119 W 20000724
- IT MI991710 A 19990730

Abstract (en)

[origin: WO0110155A1] Method for the dynamic allocation of radio channels (Ci) in digital telecommunication networks with time division duplex access, whose radio signals are divided into frames having pre-determined duration and each frame is subdivided into a pre-determined number of time intervals (Ti) which are assigned priority values (Pi) based on measures of channel interference and/or quality (Ci), each communication service (Sx) employing a particular number (Rx) of said channels (Ci) at a time. This method includes at least a measurement of the signal attenuation (PLx) with which said communication service (Sx) has been requested, as well as the allocation of said number (Rx) of channels (Ci) of the communication service (Sx) in a time interval (Tx) having an increasing priority value (Pi) with the attenuation (PLx) of the relevant signal, in order that the services employing said number (Rx) of channels (Ci) are allocated in time intervals (Ti) having increasing priority values (Pi) with the attenuation of the relevant signal.

IPC 1-7

H04Q 7/36; **H04B 7/26**

IPC 8 full level

H04B 7/26 (2006.01); **H04W 16/10** (2009.01); **H04W 16/14** (2009.01); **H04W 72/54** (2023.01); **H04W 74/04** (2009.01)

CPC (source: EP)

H04B 7/2659 (2013.01); **H04L 1/0015** (2013.01); **H04W 16/10** (2013.01); **H04W 72/56** (2023.01); **H04W 16/14** (2013.01); **H04W 72/54** (2023.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0110155 A1 20010208; CA 2391689 A1 20010208; EP 1198964 A1 20020424; IT 1313314 B1 20020717; IT MI991710 A0 19990730; IT MI991710 A1 20010130

DOCDB simple family (application)

EP 0007119 W 20000724; CA 2391689 A 20000724; EP 00954564 A 20000724; IT MI991710 A 19990730