Title (en)

A METHOD AND APPARATUS FOR ALLOCATING CHANNELS IN A MOBILE TELECOMMUNICATIONS SYSTEM SUPPORTING BOTH PACKET AND CIRCUIT SWITCHED TRAFFIC

Title (de)

VERFAHREN UND VORRICHTUNG FÜR KANALVERGABE IN EINEM MOBILEN TELEKOMMUNIKATIONSSYSTEM MIT PAKETVERMITTELTEM UND LEITUNGSVERMITTELTEM VERKEHR

Title (fr)

PROCEDE ET APPAREIL D'ATTRIBUTION DE CANAUX DANS UN RESEAU MOBILE DE TELECOMMUNICATIONS A COMMUTATION DE PAQUETS ET DE CIRCUITS

Publication

EP 1090525 A1 20010411 (EN)

Application

EP 99935214 A 19990616

Priority

• SE 9901080 W 19990616
• SE 9802295 A 19980626

Abstract (en)

[origin: WO0001186A1] The present invention relates to the efficient traffic handling in TDMA systems using both circuit switched and packet switched traffic. The method according to the invention comprising the following steps: specifying a maximum number of channels that may be allocated to packet switched connections for each frequency; specifying a maximum number of connections that may be allocated to one channel; when a packet switched connection is requested, performing the following steps: checking if the maximum number of channels have been allocated and, if not, allocating the available channels to the connection; if more channels were requested, allocating other channels among the channels that may be allocated to packet switched connections to the requested packet switched connection. A control node in a mobile telecommunications network comprising programs for performing said method is also described.

IPC 1-7

H04Q 7/38

IPC 8 full level

H04L 12/56 (2006.01); **H04W 72/04** (2009.01); H04W 74/02 (2009.01)

CPC (source: EP)

H04W 72/563 (2023.01); H04W 72/0446 (2013.01)

Citation (search report)

See references of WO 0001186A1

Designated contracting state (EPC)

ES GB IT

DOCDB simple family (publication)

WO 0001186 A1 20000106; AU 5073599 A 20000117; CA 2335751 A1 20000106; CN 1315124 A 20010926; EP 1090525 A1 20010411; SE 519730 C2 20030401; SE 9802295 D0 19980626; SE 9802295 L 19991227

DOCDB simple family (application)

SE 9901080 W 19990616; AU 5073599 A 19990616; CA 2335751 A 19990616; CN 99810127 A 19990616; EP 99935214 A 19990616; SE 9802295 A 19980626