Title (en)

FAST CELL RE-SELECTION FOR REAL TIME PACKET DATA NETWORKS

Title (de)

SCHNELLE ZELLNEUWAHL FÜR ECHTZEITPAKETDATENNETZE

Title (fr)

RESELECTION POUR RESEAUX DE TRANSMISSION DE DONNEES PAR PAQUETS EN TEMPS REEL

Publication

EP 1240803 A2 20020918 (EN)

Application

EP 00992857 A 20001207

Priority

- US 0042658 W 20001207
- US 45967599 A 19991213

Abstract (en)

[origin: WO0147298A2] There is disclosed a system for re-selection to a neighbor cell while a mobile station is engaged in a packet data session in a cellular packet data network system. The system includes a mobile station control system adapted to transmit a request to change the channel from a serving base station of the packet data session to a new base station, and if the request is accepted, then the mobile station acquires service with the new base station, otherwise continuing communication with the serving base station. A network control system is adapted for the serving base station to communicate with the new base station to selectively accept or reject the request to change channel, and to transmit a response to the mobile station indicating that the request was accepted or rejected, and if the request is accepted to also transmit identification information for a new channel associated with the new base station.

IPC 1-7

H04Q 7/38

IPC 8 full level

H04J 3/00 (2006.01); **H04L 12/56** (2006.01); **H04W 36/12** (2009.01)

CPC (source: EP US)

H04W 36/0061 (2013.01 - EP); **H04W 36/302** (2023.05 - EP US)

Cited by

US9749923B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0147298 A2 20010628; **WO 0147298 A3 20020103**; AU 4712901 A 20010703; CN 1409936 A 20030409; EP 1240803 A2 20020918; JP 2003518851 A 20030610; MX PA02005212 A 20021209

DOCDB simple family (application)

US 0042658 W 20001207; AU 4712901 A 20001207; CN 00817062 A 20001207; EP 00992857 A 20001207; JP 2001547900 A 20001207; MX PA02005212 A 20001207