

Title (en)

CELL LOAD SHARING IN A MOBILE-CONTROLLED CELL SELECTION ENVIRONMENT

Title (de)

ZELLENLASTVERTEILUNG IN EINER MOBILUNTERSTÜTZTEN ZELLAUSWAHLUMGEBUNG

Title (fr)

PARTAGE DE LA CHARGE DES CELLULES DANS UN ENVIRONNEMENT DE SELECTION DE CELLULES COMMANDE PAR LES STATIONS MOBILES

Publication

**EP 1116402 A1 20010718 (EN)**

Application

**EP 99952844 A 19990914**

Priority

- SE 9901606 W 19990914
- US 15825998 A 19980922

Abstract (en)

[origin: WO0018164A1] A method and system are disclosed for implementing cell load sharing in a mobile-controlled cell selection environment, such as, for example, in a radio packet data system (100), wherein dynamic system information (e.g., SI messages) is used to enable a mobile station to "perceive" cell borders (108) that depend on the system load. Essentially, cell selection parameters in the system information messages are associated with the distribution of the load in various cells (BTSA, BTSB). In this way, the mobile stations (116, 118) (which are responsible for their own cell selection) in overloaded cells (BTSB) can be prompted to select alternative, less loaded cells (BTSA).

IPC 1-7

**H04Q 7/36**

IPC 8 full level

**H04W 16/06** (2009.01)

CPC (source: EP)

**H04W 16/06** (2013.01)

Citation (search report)

See references of WO 0018164A1

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 0018164 A1 20000330**; AU 6490899 A 20000410; BR 9913997 A 20010703; CA 2344498 A1 20000330; CN 1319316 A 20011024; EP 1116402 A1 20010718

DOCDB simple family (application)

**SE 9901606 W 19990914**; AU 6490899 A 19990914; BR 9913997 A 19990914; CA 2344498 A 19990914; CN 99811174 A 19990914; EP 99952844 A 19990914