

Title (en)

A METHOD FOR CELL LOAD SHARING IN A CELLULAR MOBILE RADIO COMMUNICATIONS SYSTEM

Title (de)

VERFAHREN ZUR TEILUNG DER ZELLAST IN EINEM ZELLULAREN MOBILEN FUNKKOMMUNIKATIONSSYSTEM

Title (fr)

PROCEDE DE PARTAGE DE CHARGE DE CELLULE DANS UN SYSTEME DE RADIOPRATICIATION CELLULAIRE

Publication

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Application

**EP 00931862 A 20000518**

Priority

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- SE 9901846 A 19990521

Abstract (en)

[origin: WO0072618A1] In a method of load sharing between a first cell (C4) and its neighbouring cells (C1, C2, C3, C5, C6, C7) in a cellular mobile radio system, wherein each cell serves a number of mobile stations (1, A, B, C, D), it is determined if the traffic load of said first cell (C4) is higher than a first load threshold (201, 202), and if so, it is determined if the traffic load of the neighbouring cells (C1, C2, C3, C5, C6, C7) is lower than a second load threshold (203). If it is lower, at least a neighbouring cell (C5) having the highest number of mobile stations, associated with said first cell (C4), with a signal strength above a signal strength threshold (204) is selected from the neighbouring cells (C2, C5, C7). The cell coverage of said neighbouring cell (C5) is increased towards said first cell (C4) (205), and the cell coverage of said first cell (C4) is decreased a corresponding amount in a direction from said neighbouring cell (C5) (206).

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