

Title (en)

METHOD AND SYSTEM RELATING TO POSITIONING OF A MOBILE STATION

Title (de)

VERFAHREN UND SYSTEM IN BEZUG AUF DIE POSITIONIERUNG EINER MOBILSTATION

Title (fr)

PROCEDE ET SYSTEME RELATIFS AU POSITIONNEMENT D'UNE STATION MOBILE

Publication

**EP 1350408 A1 20031008 (EN)**

Application

**EP 01270073 A 20011204**

Priority

- SE 0102679 W 20011204
- SE 0004474 A 20001204
- US 25111000 P 20001204

Abstract (en)

[origin: WO0247421A1] The present invention relates to a method and system for determining a position of a Mobile station (190) in a cellular communications network (150) comprising a number of cells: a serving cell and a number of neighboring cells, wherein a set of data on each cell and neighboring cells is available. It is characterized by, for each cell, calculating a cell center and cell size, calculating a Point Distribution Array (PDA) for a number of points in a coordinate system, and based on said PDA and statistical calculation determining the position of said mobile station.

IPC 1-7

**H04Q 7/38**

IPC 8 full level

**H04Q 7/38** (2006.01); **H04W 64/00** (2009.01)

CPC (source: EP)

**H04W 64/00** (2013.01)

Citation (search report)

See references of WO 0247421A1

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 0247421 A1 20020613**; AU 2122102 A 20020618; EP 1350408 A1 20031008

DOCDB simple family (application)

**SE 0102679 W 20011204**; AU 2122102 A 20011204; EP 01270073 A 20011204