

Title (en)

SYSTEM FOR TRACKING BASE STATIONS IN A WIRELESS COMMUNICATION NETWORK

Title (de)

SYSTEM ZUM AUFSPÜREN VON BASISSTATIONEN IN EINEM DRAHTLOSEN KOMMUNIKATIONSNETZ

Title (fr)

SYSTEME DE DETECTION DE STATIONS DE BASE DANS UN RESEAU COMMUNICATIONS PAR VOIE HERTZIENNE

Publication

EP 1201098 A1 20020502 (EN)

Application

EP 00955294 A 20000727

Priority

- US 0020857 W 20000727
- US 36479999 A 19990730

Abstract (en)

[origin: WO0110161A1] A wireless communication network having a plurality of base stations (4) for servicing one or more mobile stations (6) is disclosed. Each base station (4) maintains a record of other neighboring base stations (4) to support "handoffs" between neighboring base stations (4) when a mobile station (6) moves from a cell of a first base station (4) to a cell of a second neighboring base station (4). The mobile stations (6) transmit reports to base stations (4) indicating the acquisition of pilot signals from other base stations (4). Base stations (4) maintain and update records of other neighboring base stations (4) based upon the reports from the mobile stations (6).

IPC 1-7

H04Q 7/38

IPC 8 full level

H04W 36/08 (2009.01); **H04W 36/38** (2009.01); **H04W 88/08** (2009.01); **H04W 92/20** (2009.01)

CPC (source: EP US)

H04W 36/00835 (2018.08 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0110161 A1 20010208; AU 6751900 A 20010219; BR 0012829 A 20020716; CN 1365587 A 20020821; EP 1201098 A1 20020502; HK 1046205 A1 20021227; JP 2003506935 A 20030218; KR 20020032541 A 20020503

DOCDB simple family (application)

US 0020857 W 20000727; AU 6751900 A 20000727; BR 0012829 A 20000727; CN 00810956 A 20000727; EP 00955294 A 20000727; HK 02107719 A 20021024; JP 2001513928 A 20000727; KR 20027001296 A 20020130