

Title (en)

MEASURING UPLINK INTERFERENCE IN RADIO SYSTEM, AND BASE STATION

Title (de)

INTERFERENZMESSUNG DER AUFWÄRTSVERBINDUNG IN EINEM FUNKSYSTEM SOWIE BASISSTATION

Title (fr)

MESURE DES BROUILLAGES SUR LA LIAISON MONTANTE DANS UN SYSTEME DE RADIOCOMMUNICATIONS, ET STATION DE BASE ASSOCIEE

Publication

**EP 1010342 A2 20000621 (EN)**

Application

**EP 98941448 A 19980828**

Priority

- FI 9800671 W 19980828
- FI 973563 A 19970829

Abstract (en)

[origin: WO9912370A2] The invention relates to a method of measuring uplink interference in a cellular radio system, and a base station. The base station (BTS) comprises a floating transceiver and/or a transceiver provided with a diversity receiver, the transceivers being used for measuring the uplink interference, i.e., the interference of the traffic coming from a subscriber terminal (MS) to the base station (BTS). The uplink interference was previously measured with a spectrum analyzer at a base station site, which was laborious and expensive. The method and base station of the invention enable the uplink interference measurements to be made with specific equipments in the base station, and separate measurements at the base station site are in this respect no longer required.

IPC 1-7

**H04Q 7/30**; **H04B 17/02**

IPC 8 full level

**H04B 17/00** (2006.01); **H04W 24/00** (2009.01); **H04W 24/08** (2009.01); **H04W 88/08** (2009.01)

CPC (source: EP)

**H04B 17/345** (2015.01); **H04W 24/00** (2013.01); **H04W 24/08** (2013.01); **H04W 88/08** (2013.01)

Citation (search report)

See references of WO 9912370A2

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 9912370 A2 19990311**; **WO 9912370 A3 19990610**; AU 745618 B2 20020328; AU 8981998 A 19990322; CN 1269110 A 20001004; EP 1010342 A2 20000621; FI 105373 B 20000731; FI 973563 A0 19970829; FI 973563 A 19990301; JP 2001515324 A 20010918; NO 20000991 D0 20000228; NO 20000991 L 20000228

DOCDB simple family (application)

**FI 9800671 W 19980828**; AU 8981998 A 19980828; CN 98808739 A 19980828; EP 98941448 A 19980828; FI 973563 A 19970829; JP 2000509238 A 19980828; NO 20000991 A 20000228