

Title (en)
METHOD AND SYSTEM FOR SAMPLING AT LEAST ONE ANTENNA

Title (de)
VERFAHREN UND ANORDNUNG ZUM PRÜFEN MINDESTENS EINER ANTENNE

Title (fr)
PROCEDE ET DISPOSITIF POUR CONTROLER AU MOINS UNE ANTENNE

Publication
EP 1476764 A1 20041117 (DE)

Application
EP 03742513 A 20030211

Priority
• DE 10207487 A 20020222
• EP 0301314 W 20030211

Abstract (en)
[origin: WO03071293A1] The invention relates to a method for sampling at least one antenna (2) comprising a receiver module (8) and a coupling module (10) that is arranged between the antenna (2) and the receiver module (8). A noise signal (S) is fed to the antenna (2) and the receiver module (8) as a sampling signal via the coupling module (10). An instantaneous transmission coefficient (UV) indicating the relationship between a first noise signal, which reaches a sampling module (12) via a first path (S, S1) without transiting through the at least one antenna (2), and a second noise signal, which reaches said sampling module (12) from the noise source (18) via a second path (S', S2) transiting through the at least one antenna (2), is then determined via the sampling module (12) and is compared with a reference transmission coefficient (Uvinorm) stored in a transmission matrix (14). Also disclosed is a system for carrying out the inventive method.

IPC 1-7
G01R 29/10; **H04B 17/00**

IPC 8 full level
G01R 29/08 (2006.01); **H04B 1/18** (2006.01); **H04B 7/08** (2006.01); **H04B 17/00** (2006.01)

CPC (source: EP US)
H04B 7/0822 (2013.01 - EP US); **H04B 17/20** (2015.01 - EP US)

Citation (search report)
See references of WO 03071293A1

Cited by
CN107529692A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
WO 03071293 A1 20030828; DE 10305741 A1 20030911; EP 1476764 A1 20041117; JP 2005518172 A 20050616;
US 2006082494 A1 20060420

DOCDB simple family (application)
EP 0301314 W 20030211; DE 10305741 A 20030211; EP 03742513 A 20030211; JP 2003570143 A 20030211; US 50516005 A 20050930