

Title (en)

RECEIVER INTERFERENCE PROTECTION AND DIRECTION FINDING ANTENNA SYSTEM

Title (de)

EMPFÄNGERSTÖRUNGSSCHUTZ UND RICHTUNGSFINDUNGS-ANTENNENSYSTEM

Title (fr)

SYSTÈME D'ANTENNE DE RADIOGONIOMÉTRIE ET DE PROTECTION CONTRE LES INTERFÉRENCES D'UN RÉCEPTEUR

Publication

EP 2274780 A4 20121024 (EN)

Application

EP 08873589 A 20081029

Priority

- US 2008081615 W 20081029
- US 6481208 P 20080327

Abstract (en)

[origin: WO2009120237A1] A tunable passive direction finding and anti-jamming antenna array system and method for determining a location of an electromagnetic interference signal source while minimizing the effects of electromagnetic interference in radio frequency antenna systems. The system and method utilize an external array of passive open circuited antennas strategically arranged between an intended receiving antenna unit or system and interfering signals to disrupt the interference signals and reduce the electromagnetic energy, interference, and noise reaching the intended receiving antenna unit or system, as well as determine the direction of an interference signal.

IPC 8 full level

H01L 35/00 (2006.01); **H01Q 9/30** (2006.01); **H01Q 19/30** (2006.01)

CPC (source: EP)

G01S 19/21 (2013.01); **H01Q 9/30** (2013.01); **H01Q 19/30** (2013.01)

Citation (search report)

- [XYI] US 2003156061 A1 20030821 - OHIRA TAKASHI [JP]
- [XA] JP 2004101522 A 20040402 - ATR ADVANCED TELECOMM RES INST
- [Y] US 2002008672 A1 20020124 - GOTHARD GRIFFIN K [US], et al
- [YA] US 2473421 A 19490614 - EUGENE FUBINI, et al
- [YA] US 3383694 A 19680514 - STROHMEYER JR CARLL F
- See references of WO 2009120237A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

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