

Title (en)

SELF-CONTAINED ANTENNA DEVICE WITH QUICK AIMING SWITCHING

Title (de)

SELBSTSTÄNDIGE ANTENNENANORDNUNG MIT SCHNELLEM WECHSEL DER AUSRICHTUNG

Title (fr)

DISPOSITIF ANTENNAIRE AUTONOME A COMMUTATION DE POINTAGE RAPIDE.

Publication

EP 2389782 A1 20111130 (FR)

Application

EP 09814125 A 20090921

Priority

- EP 2009062222 W 20090921
- FR 0805151 A 20080919

Abstract (en)

[origin: WO2010031870A1] The invention relates to an antenna device with quick aiming switching. The antenna device (102) comprises an antenna (106) with electronic beam switching, wherein said device can be connected by a cable (112) to a radio apparatus (108), and said device includes a computing unit (104) capable of determining an aiming direction of the antenna beam from measuring parameters of the radiofrequency signal processed by said equipment, the parameters being received on a communication interface (105) of said device. The invention more particularly relates to smart antennas sometimes referred to by the acronym FESA for «Fast Electronically Steerable Antenna».

IPC 8 full level

H04W 88/08 (2009.01); **H04B 1/00** (2006.01)

CPC (source: EP US)

H01Q 1/125 (2013.01 - EP US); **H01Q 1/1257** (2013.01 - EP US); **H01Q 3/26** (2013.01 - EP US); **H01Q 3/30** (2013.01 - EP US); **H04W 88/085** (2013.01 - EP US)

Citation (search report)

See references of WO 2010031870A1

Citation (examination)

US 6486832 B1 20021126 - ABRAMOV OLEG Y [RU], et al

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

FR 2936365 A1 20100326; FR 2936365 B1 20111007; EP 2389782 A1 20111130; US 2011305175 A1 20111215; WO 2010031870 A1 20100325

DOCDB simple family (application)

FR 0805151 A 20080919; EP 09814125 A 20090921; EP 2009062222 W 20090921; US 200913119734 A 20090921