Title (en)

RADIOCOMMUNICATION ANTENNA WITH MISALIGNMENT OF RADIATION LOBE BY MEANS OF VARIABLE PHASE SHIFTER

Title (de)

RADIOKOMMUNIKATIONSANTENNE MIT EINSTELLUNG DES KEULENABSENKWINKELS DURCH MECHANISCHE BEWEGUNG VON VARIABLEN PHASENSCHIEBERN

Title (fr)

ANTENNE DE RADIOCOMMUNICATION DU TYPE A DEPOINTAGE EN TILT DU LOBE DE RAYONNEMENT PAR DEPLACEMENT MECANIQUE DE DEPHASEURS VARIABLES

Publication

EP 1599918 A1 20051130 (FR)

Application

EP 04713571 A 20040223

Priority

- FR 2004050074 W 20040223
- FR 0302237 A 20030224

Abstract (en)

[origin: US2006066494A1] A radiocommunications antenna, notably for cellular radiotelephony network base station, of radiation lobe depointing type induced by variable phase adjustment unit including an actuating device including an actuator (13 or 41) whereof the displacement controls the phase shift, characterised in that it includes a module, insertable into the antenna and extractible therefrom, including a mechanical or electromechanical device co-operating with the actuating device to control the displacement of the actuator (13 or 41) when the module is installed in the antenna.

IPC 1-7

H01Q 3/32; H01Q 1/24

IPC 8 full level

H01Q 1/24 (2006.01); **H01Q 3/32** (2006.01)

CPC (source: EP US)

H01Q 1/246 (2013.01 - EP US); **H01Q 3/32** (2013.01 - EP US)

Citation (search report)

See references of WO 2004077611A1

Cited by

CN110459874A

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 RO SE SI SK TR

DOCDB simple family (publication)

US 2006066494 A1 20060330; **US 7286092 B2 20071023**; AT E477604 T1 20100815; DE 112004000342 B4 20210812; DE 112004000342 T5 20060614; DE 602004028580 D1 20100923; EP 1599918 A1 20051130; EP 1599918 B1 20100811; ES 2373393 T3 20120203; FR 2851694 A1 20040827; FR 2851694 B1 20050520; WO 2004077611 A1 20040910

DOCDB simple family (application)

US 49615405 A 20051108; AT 04713571 T 20040223; DE 112004000342 T 20040223; DE 602004028580 T 20040223; EP 04713571 A 20040223; ES 04713571 T 20040223; FR 0302237 A 20030224; FR 2004050074 W 20040223