

Title (en)
A CELLULAR ANTENNA AND SYSTEMS AND METHODS THEREFOR

Title (de)
ZELLULARANTENNE, SYSTEME UND METHODEN DAFÜR

Title (fr)
ANTENNE CELLULAIRE, SES SYSTÈMES ET PROCÉDÉS

Publication
EP 2013940 B1 20160706 (EN)

Application
EP 07760274 A 20070406

Priority

- US 2007066175 W 20070406
- US 39962706 A 20060406
- US 48821606 A 20060718
- US 50554806 A 20060817

Abstract (en)
[origin: WO2007118211A2] There is provided a cellular antenna allowing mechanical azimuth adjustment in combination with adjustment of one or more other antenna attribute such as electrical down tilt, electrical beam width or electrical azimuth adjustment. An integrated control arrangement is provided which can utilize either serial, wireless or RF feed lines to convey communications. A multiband embodiment provides azimuth adjustment for both bands by utilizing mechanical and electrical azimuth adjustment. Systems incorporating such antennas and methods of controlling them are also provided.

IPC 8 full level
H01Q 1/24 (2006.01); **H01Q 3/06** (2006.01); **H01Q 3/36** (2006.01); **H01Q 5/10** (2015.01); **H01Q 5/42** (2015.01); **H01Q 25/00** (2006.01)

CPC (source: EP)
H01Q 1/246 (2013.01); **H01Q 3/06** (2013.01); **H01Q 3/36** (2013.01); **H01Q 5/42** (2015.01); **H01Q 25/00** (2013.01)

Cited by
EP4228094A4; WO2022063387A1; WO2020119883A1

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

DOCDB simple family (publication)
WO 2007118211 A2 20071018; WO 2007118211 A3 20081127; AU 2007234730 A1 20071018; EP 2013940 A2 20090114; EP 2013940 A4 20100414; EP 2013940 B1 20160706; JP 2009533010 A 20090910; MX 2008012858 A 20081013

DOCDB simple family (application)
US 2007066175 W 20070406; AU 2007234730 A 20070406; EP 07760274 A 20070406; JP 2009504497 A 20070406; MX 2008012858 A 20070406