

Title (en)

BROADBAND DUAL POLARIZED BASE STATION ANTENNA

Title (de)

DUALE POLARISIERTE BREITBAND-BASISSTATIONSANTENNE

Title (fr)

ANTENNE DE STATION DE BASE A DOUBLE POLARISATION A LARGE BANDE

Publication

**EP 2005522 B1 20150909 (EN)**

Application

**EP 07754157 A 20070329**

Priority

- US 2007007593 W 20070329
- US 78744206 P 20060330

Abstract (en)

[origin: WO2007126831A2] A dual polarized broadband base station antenna for wireless communication systems is disclosed. The present invention employs a dual polarized boxed arrangement radiation element with high isolation between polarization channels. Plural radiating elements project outwardly from the surface of a ground plane. The antenna elements are paired dipoles.

IPC 8 full level

**H01Q 1/24** (2006.01); **H01Q 21/08** (2006.01); **H01Q 21/26** (2006.01); **H01Q 25/00** (2006.01)

CPC (source: EP)

**H01Q 1/246** (2013.01); **H01Q 21/08** (2013.01); **H01Q 21/26** (2013.01); **H01Q 25/001** (2013.01)

Citation (examination)

- GB 1398262 A 19750618 - EMI LTD
- US 2005219140 A1 20051006 - BROWNE EDWINA [IE], et al
- EP 0994524 A1 20000419 - ANDREW CORP [CH]

Cited by

US11901633B2; WO2020108484A1

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 2007126831 A2 20071108; WO 2007126831 A3 20080925; EP 2005522 A2 20081224; EP 2005522 A4 20090603; EP 2005522 B1 20150909**

DOCDB simple family (application)

**US 2007007593 W 20070329; EP 07754157 A 20070329**