

Title (en)

Directive mobile antenna with polarisation switching by moving radiant panels

Title (de)

Mobile Richtantenne mit Polarisierungsschaltung durch Bewegung der Strahlungspaneelle

Title (fr)

Antenne mobile directive à commutation de polarisation par déplacement de panneaux rayonnants

Publication

**EP 2654126 B1 20170628 (FR)**

Application

**EP 13162598 A 20130405**

Priority

FR 1201170 A 20120420

Abstract (en)

[origin: EP2654126A1] The antenna has a rigid framework comprising faces (202a, 202b, 203a, 203b), where each face supports waveguides fed with radiofrequency signals and being pierced with apertures so as to illuminate dipoles placed at some distance from the apertures. The framework toggles between configurations for antenna pointing. The framework is configured so as to place in one of the configurations and one of the faces in a position identical to a position taken by another face in another configuration. The dipoles of the latter face are oriented differently from dipoles of the former face in the position.

IPC 8 full level

**H01Q 13/22** (2006.01); **H01Q 15/24** (2006.01); **H01Q 21/00** (2006.01); **H01Q 21/24** (2006.01)

CPC (source: EP US)

**H01Q 13/22** (2013.01 - EP US); **H01Q 15/246** (2013.01 - EP US); **H01Q 21/005** (2013.01 - EP US); **H01Q 21/245** (2013.01 - EP US)

Cited by

CN110429375A; US9640847B2; US10249922B2; US9859597B2; US10096877B2; US10243245B2; US10686235B2; US11095009B2; US8988300B2; US9184482B2; US10079422B2; US10230150B2; US10530034B2; US11101537B2; US11171401B2

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DOCDB simple family (publication)

**EP 2654126 A1 20131023**; **EP 2654126 B1 20170628**; CA 2813362 A1 20131020; CA 2813362 C 20190813; ES 2641466 T3 20171110; FR 2989844 A1 20131025; FR 2989844 B1 20140509; US 2013278474 A1 20131024; US 9263801 B2 20160216

DOCDB simple family (application)

**EP 13162598 A 20130405**; CA 2813362 A 20130418; ES 13162598 T 20130405; FR 1201170 A 20120420; US 201313865029 A 20130417