

Title (en)

DEVICE FOR CHANGING THE WAVEGUIDE ORIENTATION OF AN OUTDOOR MICROWAVE TRANSMIT/RECEIVE ENCLOSURE

Title (de)

VORRICHTUNG ZUR ÄNDERUNG DER WELLENLEITERAUSRICHTUNG EINES MIKROWELLESENDE-/EMPFANGSGEHÄUSES IM FREIEN

Title (fr)

DISPOSITIF POUR CHANGEMENT DE L'ORIENTATION DE GUIDE D'ONDE D'UNE ENCEINTE D'ÉMISSION/RÉCEPTION DE MICRO-ONDES EXTÉRIEURES

Publication

EP 2759020 A4 20150902 (EN)

Application

EP 12833892 A 20120921

Priority

- US 201161538076 P 20110922
- US 2012056581 W 20120921

Abstract (en)

[origin: WO2013044032A1] A microwave transmit/receive enclosure comprises an enclosure housing including an opening and a waveguide rotator that is mounted on the enclosure housing and near the opening. In particular, the waveguide rotator includes a plurality of rectangular openings that are perpendicular to a predefined axis and there is a predefined incremental rotation angle between two immediately adjacent rectangular openings with respect to an axis that is perpendicular to the predefined axis. The waveguide rotator is configured such that a sum of the incremental rotation angles between the plurality of rectangular openings causes a change of orientation to a radio signal that is transmitted through the waveguide rotator such that it aligns with a polarization change in the antenna.

IPC 8 full level

H01P 1/161 (2006.01); **H01P 1/165** (2006.01)

CPC (source: EP)

H01P 1/063 (2013.01); **H01P 1/165** (2013.01)

Citation (search report)

- [X1] US 2004032305 A1 20040219 - BOHNET GERD [US]
- [XY1] US 2004263291 A1 20041230 - CORKILL BRUCE DAVID [NZ], et al
- [XY1] US 4260961 A 19810407 - BEIS KONSTANTINOS
- [X1] FR 2621421 A1 19890407 - SPINNER GEORG [DE]
- [X1] EP 1903630 A1 20080326 - NEC CORP [JP]
- See references of WO 2013044032A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

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DOCDB simple family (application)

US 2012056581 W 20120921; EP 12833892 A 20120921; HK 15100775 A 20150123