

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 A1 20140730 (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)

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)

**WO 2013044032 A1 20130328**; EP 2759020 A1 20140730; EP 2759020 A4 20150902; HK 1200596 A1 20150807

DOCDB simple family (application)

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