

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

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CPC (source: EP)

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