

Title (en)

CIRCULARLY POLARIZED SLOTTED WAVEGUIDE ANTENNA

Title (de)

ZIRKULAR POLARISIERTE GESCHLITZTE WELLENLEITERANTENNE

Title (fr)

ANTENNE DE GUIDE D'ONDE À FENTES POLARISÉE DE MANIÈRE CIRCULAIRE

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Application

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- IB 2013050567 W 20130123

Abstract (en)

[origin: WO2014080298A1] The invention is related to slotted waveguide antennas which are used for receiving and transmitting circularly polarized electromagnetic waves. This invention's purpose is to realize a circularly polarized waveguide slot antenna element which enables the control of the antenna array amplitude distribution across the aperture to lower the far zone side lobe levels without sacrificing the antenna efficiency.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2014080298A1

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