

Title (en)
DYNAMIC POLARIZATION AND COUPLING CONTROL FOR A STEERABLE CYLINDRICALLY FED HOLOGRAPHIC ANTENNA

Title (de)
DYNAMISCHE POLARISATION UND KOPPLUNGSSTEUERUNG FÜR EINE STEUERBARE ZYLINDRISCH GESPEISTE HOLOGRAFISCHE ANTENNE

Title (fr)
COMMANDE DE POLARISATION DYNAMIQUE ET COUPLAGE D'UNE ANTENNE HOLOGRAPHIQUE À ALIMENTATION CYLINDRIQUE ORIENTABLE

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Application
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- US 2015012077 W 20150120

Abstract (en)
An apparatus is disclosed herein for a cylindrically fed antenna and method for using the same. In one embodiment, the antenna comprises an antenna feed to input a cylindrical feed wave and a tunable slotted array coupled to the antenna feed.

IPC 8 full level
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Citation (applicant)

- ANDO ET AL., RADIAL LINE SLOT ANTENNA FOR 12 GHZ DBS SATELLITE RECEPTION
- YUAN ET AL., DESIGN AND EXPERIMENTS OF A NOVEL RADIAL LINE SLOT ANTENNA FOR HIGH-POWER MICROWAVE APPLICATIONS

Citation (search report)

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- [Y] JP H088640 A 19960112 - TOSHIBA CORP
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- [A] US 2012194399 A1 20120802 - BILY ADAM [US], et al
- [Y] RADU MARIN: "Investigations on liquid crystal reconfigurable unit cells for mm-wave reflectarrays", 1 January 2008 (2008-01-01), pages i - 155, XP055401196, Retrieved from the Internet <URL:http://tuprints.ulb.tu-darmstadt.de/1089/1/diss_Radu_Marin_WebPubl.pdf> [retrieved on 20170825]

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