

Title (en)

Polarisation filter for the illumination of an antenna

Title (de)

Polarisationsweiche zur Ausleuchtung einer Antenne

Title (fr)

Filtre de polarisation pour l'illumination d'une antenne

Publication

EP 0905813 A3 20000412 (DE)

Application

EP 98402074 A 19980814

Priority

DE 19741999 A 19970924

Abstract (en)

[origin: EP0905813A2] A first junction in the form of a cavity (11) of rectangular cross-section is provided between a radially connected rectangular waveguide and an aperture opening. A second, stepped junction (8) is provided between a shaping piece (7) and a closed-front rectangular waveguide. The latter is connected to the second junction.

IPC 1-7

H01P 1/161

IPC 8 full level

H01P 1/161 (2006.01)

CPC (source: EP US)

H01P 1/161 (2013.01 - EP US)

Citation (search report)

- [A] GB 767518 A 19570206 - BRITISH THOMSON HOUSTON CO LTD
- [A] BOIFOT A M: "CLASSIFICATION OF ORTHO-MODE TRANSDUCERS", EUROPEAN TRANSACTIONS ON TELECOMMUNICATIONS AND RELATED TECHNOLOGIES, IT, AEI, MILANO, vol. 2, no. 5, 1 September 1991 (1991-09-01), pages 35 - 42, XP000266379, ISSN: 1120-3862

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DE 19741999 A1 19990325; AU 739731 B2 20011018; AU 8422098 A 19990415; DE 59814142 D1 20080131; EP 0905813 A2 19990331; EP 0905813 A3 20000412; EP 0905813 B1 20071219; KR 19990030061 A 19990426; US 6130649 A 20001010

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