

Title (en)

COAXIAL HIGH-FREQUENCY TERMINATION, ISOLATOR IN THE TRIPLATE TECHNIQUE EMBODYING SUCH A TERMINATION, AND USE OF SUCH AN ISOLATOR

Publication

EP 0109895 B1 19880601 (FR)

Application

EP 83402187 A 19831110

Priority

FR 8219429 A 19821119

Abstract (en)

[origin: US4551693A] A coaxial microwave load for a ferrite isolator formed by a three-plate three-port type junction circulator comprising an assembly including by a body of conductive material, a rod of insulating material which is covered with a layer of resistive material, and a washer of insulating material. The assembly is placed in a mounting block of conductive material having an axial bore to receive the assembly and the mounting block is covered with a layer of insulating material whereby the load is electrically insulated.

IPC 1-7

H01P 1/26

IPC 8 full level

H01P 1/26 (2006.01)

CPC (source: EP US)

H01P 1/266 (2013.01 - EP US)

Citation (examination)

- IBM TECHNICAL DISCLOSURE BULLETIN, vol. 12, no. 7, décembre 1969, New York (US) R. ABBATECOLA et al.: "High-performance biasable coaxial termination", pages 993-994
- BELL LABORATORIES RECORD, vol. 49, no. 1, janvier 1971, Murray Hill (US) A. HAMORI et al.: "Advances in radio relay design :The TH3 microwave radio system", pages 27-31
- IEEE SPECTRUM, vol. 7, no. 7, juillet 1970, New York (US) "Miniatures crossroads for microwaves", page 10

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