

Title (en)

Microwave load arrangement especially for a wave guide device, and ferrite isolator equipped with such an arrangement

Title (de)

Mikrowellenleistungslasteinrichtung insbesondere in einer Hohlleiteranordnung und Ferritisolator mit einer solchen Einrichtung

Title (fr)

Agencement de charge de puissance en hyperfréquence notamment pour dispositif guide d'ondes et isolateur à ferrite équipée d'un tel agencement

Publication

EP 0668624 B1 20000503 (FR)

Application

EP 95400324 A 19950215

Priority

FR 9401884 A 19940218

Abstract (en)

[origin: EP0668624A1] The two dielectric tubes (6,7) are placed near to a short circuited end wall (2) of a waveguide (1). The tubes are water filled, forming a U-shaped section along the back wall of the waveguide, with water flow through two side nozzles (10,11). The tubes are arranged so as to propagate waveguide circular waves and produce losses. The design of the diameter of the tube, from a knowledge of the propagation laws, allows for compensation for frequency and temperature changes.

IPC 1-7

H01P 1/26

IPC 8 full level

H01P 1/26 (2006.01)

CPC (source: EP)

H01P 1/262 (2013.01)

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

EP 0668624 A1 19950823; EP 0668624 B1 20000503; DE 69516560 D1 20000608; FR 2716576 A1 19950825; FR 2716576 B1 19960503

DOCDB simple family (application)

EP 95400324 A 19950215; DE 69516560 T 19950215; FR 9401884 A 19940218