

Title (en)

Microwave absorber attenuator for linear SSPA power control.

Title (de)

Absorbierendes Mikrowellen-Dämpfungsglied zur Leistungsregelung eines linearen Festkörperleistungsverstärkers.

Title (fr)

Atténuateur absorbeur de micro-ondes pour commande de puissance linéaire d'amplificateur de puissance à semi-conducteurs.

Publication

EP 0577227 A1 19940105 (EN)

Application

EP 93202600 A 19880419

Priority

- EP 93202600 A 19880419
- US 4541487 A 19870504

Abstract (en)

An electromagnetic wave attenuation control device for use in a communication link comprises an absorbent body (33) which is controllably inserted into a section of waveguide (34) by an actuator (24). The actuator is controlled in response to characteristics such as changes in the power level of the electromagnetic energy transmitted by the waveguide or changes in the uplink power requirements of the communications link or both. <IMAGE>

IPC 1-7

H01P 1/22

IPC 8 full level

H01P 1/22 (2006.01)

CPC (source: EP)

H01P 1/222 (2013.01)

Citation (search report)

- [A] US 4485349 A 19841127 - SIEGEL LARRY E [US], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 007, no. 045 (E - 160) 23 February 1983 (1983-02-23)
- [A] -: "Waveguide Hardware", EDN ELECTRICAL DESIGN NEWS, vol. RT-119, no. 9, September 1964 (1964-09-01), NEWTON, MASSACHUSETTS US, pages 6 - 7
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 154 (E - 325) 28 June 1985 (1985-06-28)
- [A] PATENT ABSTRACTS OF JAPAN vol. 007, no. 084 (E - 169) 7 April 1983 (1983-04-07)

Designated contracting state (EPC)

BE DE FR GB IT NL SE

DOCDB simple family (publication)

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