

Title (en)

Variable attenuator for a rectangular waveguide

Title (de)

Einstellbares Dämpfungsglied für Rechteckhohlleiter

Title (fr)

Atténuateur variable pour guide d'ondes rectangulaire

Publication

**EP 0966057 A1 19991222 (FR)**

Application

**EP 98460022 A 19980615**

Priority

EP 98460022 A 19980615

Abstract (en)

The device has a round plunger element (5) to be introduced perpendicularly in this wave guide (3) along a longitudinal slot (7) following the propagation axis of the waves in a first face of the guide, the plunger being movable in rotation about an eccentric axis (6) such that the portion of the plunger element introduced in the wave guide is a function of its angular position. For increasing the plunger element portion introduced in the wave guide, the plunger element and the longitudinal slot are set at a level of a curve (11) formed by this wave guide.

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)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 7, no. 45 (E - 160)<1190> 23 February 1983 (1983-02-23)

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