

Title (en)

Lightning protection for antenna systems.

Title (de)

Blitzschutz für Antennensysteme.

Title (fr)

Protection contre la foudre pour des systèmes d'antenne.

Publication

EP 0633622 A1 19950111 (EN)

Application

EP 94304862 A 19940701

Priority

IL 10627493 A 19930708

Abstract (en)

A wave transmission line (10, 16) offering protection for electronic devices connected to the line from the effects of a high voltage impulse of relatively low frequency which includes a wave propagating line connected to at least one of the devices. The line is characterized in that it includes at least one segment which is a waveguide (16) dimensioned to allow free passage of waves of relatively high frequencies during normal operation while substantially preventing the propagation of the relatively low frequency waves of the impulse. <IMAGE>

IPC 1-7

H01Q 1/50

IPC 8 full level

H01Q 1/50 (2006.01)

CPC (source: EP)

H01Q 1/50 (2013.01)

Citation (search report)

- [X] GB 736365 A 19550907 - TELEFUNKEN GMBH
- [A] US 4985800 A 19910115 - FELDMAN NATHAN W [US], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 14, no. 51 (E - 0881) 30 January 1990 (1990-01-30)

Cited by

FR2953069A1; CN102884678A; EP3043064A1; CN107110113A; US10982656B2; US9941583B2; WO2011064157A1; WO2016113249A1

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