

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; WO2016113249A1; WO2011064157A1

Designated contracting state (EPC)

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**EP 0633622 A1 19950111; EP 0633622 B1 19990922**; DE 69420784 D1 19991028; DE 69420784 T2 20000420; IL 106274 A0 19931228; IL 106274 A 19990922

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