

Title (en)

Broadband rectangular slotted wave guide.

Title (de)

Rechteckhohlleiterschlitzzantenne für breiten Frequenzbereich.

Title (fr)

Guide d'onde rectangulaire à fentes rayonnantes et à large bande de fréquence.

Publication

EP 0074311 A1 19830316 (FR)

Application

EP 82401593 A 19820827

Priority

FR 8117236 A 19810911

Abstract (en)

[origin: US4513291A] Each radiating slot having a length L in the vicinity of the operating wavelength λ of a direct-radiation slotted rectangular waveguide is placed on one side of the waveguide so as to be parallel to the lines of current flow and is provided with a transverse stepped section formed at the center of the slot at right angles to the current lines.

Abstract (fr)

Guide d'onde rectangulaire à fentes à rayonnement direct dont chaque fente rayonnante (5) de longueur L voisine de λ est placée sur un côté du guide (6) parallèlement aux lignes de courant et possédant un décrochement (7) en son centre, réalisé perpendiculairement aux lignes de courant.

IPC 1-7

H01Q 13/12

IPC 8 full level

H01Q 21/00 (2006.01)

CPC (source: EP US)

H01Q 21/0043 (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0074311 A1 19830316; CA 1206605 A 19860624; FR 2513022 A1 19830318; FR 2513022 B1 19850308; US 4513291 A 19850423

DOCDB simple family (application)

EP 82401593 A 19820827; CA 411102 A 19820909; FR 8117236 A 19810911; US 41221082 A 19820827