

Title (en)

Miniature resonant antenna in the form of annular microstrips

Title (de)

Miniatur-Resonanzantenne in Form von ringförmigen Streifenleiterantennen

Title (fr)

Antenne miniature résonnante de type microruban de forme annulaire

Publication

EP 0860894 B1 20070822 (FR)

Application

EP 98400437 A 19980223

Priority

FR 9702168 A 19970224

Abstract (en)

[origin: EP0860894A1] The antenna comprises a ring whose edge length determines the wavelength guide into it. The edge has radial meanders or slots which together produce no field to disturb the transmitted signal polarity. The fields produced by the meanders or slots compensate each other. The ring has two concentric sections whose diameter ratio is at most two.

IPC 8 full level

H01Q 5/00 (2006.01); **H01Q 5/40** (2015.01); **H01Q 9/04** (2006.01); **H01Q 13/10** (2006.01)

CPC (source: EP US)

H01Q 5/40 (2015.01 - EP US); **H01Q 9/0464** (2013.01 - EP US); **H01Q 13/10** (2013.01 - EP US)

Citation (examination)

- US 3716861 A 19730213 - ROOT J
- JP H05152829 A 19930618 - SONY CORP
- US 4804965 A 19890214 - ROEDERER ANTOINE G [FR]

Cited by

US9184504B2; US2012268347A1; EP3203582A1; WO2012146964A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0860894 A1 19980826; EP 0860894 B1 20070822; CA 2228631 A1 19980824; CA 2228631 C 20031014; DE 69838270 D1 20071004; DE 69838270 T2 20080515; FR 2760134 A1 19980828; FR 2760134 B1 19990326; US 6034645 A 20000307

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EP 98400437 A 19980223; CA 2228631 A 19980223; DE 69838270 T 19980223; FR 9702168 A 19970224; US 2881198 A 19980224