

Publication

EP 0695467 A4 19960320 (EN)

Application

EP 94914213 A 19940419

Priority

- US 9404276 W 19940419
- US 4956093 A 19930419

Abstract (en)

[origin: WO9424723A1] A small microstrip antenna (200) useful in portable electronic devices including pagers, telephones, and portable computers. The microstrip antenna (200) includes a ground plane layer (212), a dielectric layer (214), and a radiating patch (216) with a rectangular ring (250) formed therein. The radiating patch (216) is short circuited to the ground plane layer (212) along a shorted edge (222). The ring (250) may be positioned offset so that it is closer to the short circuited edge (222) than to the radiating edge (220). The antenna can fit within a standard PCMCIA slot in portable computers. The small size of the antenna allows orientation within a housing to optimize the radiation from the antenna. The antenna is useful in stand alone computers.

IPC 1-7

H01Q 1/24

IPC 8 full level

H01Q 1/38 (2006.01); **H01Q 1/24** (2006.01); **H01Q 9/04** (2006.01); **H01Q 13/08** (2006.01)

CPC (source: EP)

H01Q 1/243 (2013.01); **H01Q 9/0421** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9424723A1

Cited by

CN115051154A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9424723 A1 19941027; AU 6637194 A 19941108; EP 0695467 A1 19960207; EP 0695467 A4 19960320; JP H06314923 A 19941108

DOCDB simple family (application)

US 9404276 W 19940419; AU 6637194 A 19940419; EP 94914213 A 19940419; JP 28423193 A 19931020