

Title (en)

Dual-frequency radiocommunication antenna realised according to microstrip technique

Title (de)

Antenne für zwei Frequenzen für die Radiokommunikation in Form einer Mikrostreifenleiterantenne

Title (fr)

Antenne bifréquence pour la radiocommunication réalisée selon la technique des microrubans

Publication

EP 0954055 B1 20070822 (FR)

Application

EP 99400922 A 19990415

Priority

FR 9805542 A 19980430

Abstract (en)

[origin: EP0954055A1] The same patch antenna produces a quarter wave resonance across one dimension and a half wave resonance across the second dimension.

IPC 8 full level

H01Q 5/00 (2006.01); **H01Q 13/08** (2006.01); **H01Q 1/38** (2006.01); **H01Q 5/10** (2015.01); **H01Q 5/364** (2015.01); **H01Q 9/04** (2006.01)

CPC (source: EP US)

H01Q 5/364 (2013.01 - EP US); **H01Q 9/0421** (2013.01 - EP US); **H01Q 9/0442** (2013.01 - EP US)

Cited by

FR2800920A1; EP1241733A1; FR2822301A1; US6798382B2; US6545640B1; WO0135492A1

Designated contracting state (EPC)

AT DE ES GB IT SE

DOCDB simple family (publication)

EP 0954055 A1 19991103; **EP 0954055 B1 20070822**; AT E371276 T1 20070915; AU 2399399 A 19991111; AU 743866 B2 20020207; CA 2267536 A1 19991030; CN 1164008 C 20040825; CN 1241045 A 20000112; DE 69936903 D1 20071004; DE 69936903 T2 20080515; ES 2293713 T3 20080316; FR 2778272 A1 19991105; FR 2778272 B1 20000908; JP H11340728 A 19991210; SG 90050 A1 20020723; TW 419860 B 20010121; US 6218990 B1 20010417

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EP 99400922 A 19990415; AT 99400922 T 19990415; AU 2399399 A 19990423; CA 2267536 A 19990415; CN 99105293 A 19990430; DE 69936903 T 19990415; ES 99400922 T 19990415; FR 9805542 A 19980430; JP 12271099 A 19990428; SG 1999001946 A 19990426; TW 88106316 A 19990420; US 29537099 A 19990421