

Title (en)
PATCH ANTENNA

Title (de)
PLATTENANTENNE

Title (fr)
ANTENNE A PLAQUE

Publication
EP 1038333 B1 20050706 (FR)

Application
EP 99947543 A 19991012

Priority
• FR 9902449 W 19991012
• FR 9812727 A 19981012

Abstract (en)
[origin: US6285326B1] The invention relates to a microstrip antenna for transmitting and receiving waves of wave length λ . It comprises a first insulating plate and a first metallization effected on a face of said plate in order to form a ground plane; a second insulating plate and at least one second metallization effected on a face of said second plate and presenting dimensions smaller than those of the first metallization; at least one feedline connected to said first and second metallization; and spacer means fastened with the two plates in order to maintain the two plates in a predetermined relative position so that the two metallizations face each other and the second metallization is opposite the first.

IPC 1-7
H01Q 9/04; **H01Q 1/40**; **H01Q 1/38**

IPC 8 full level
H01Q 13/08 (2006.01); **H01Q 1/38** (2006.01); **H01Q 1/40** (2006.01); **H01Q 9/04** (2006.01)

CPC (source: EP KR US)
H01Q 1/38 (2013.01 - EP US); **H01Q 1/40** (2013.01 - EP US); **H01Q 9/04** (2013.01 - KR); **H01Q 9/0407** (2013.01 - EP US);
H01Q 9/0421 (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 6285326 B1 20010904; AT E299299 T1 20050715; CN 1126191 C 20031029; CN 1287697 A 20010314; DE 69926050 D1 20050811;
DK 1038333 T3 20051017; EP 1038333 A1 20000927; EP 1038333 B1 20050706; ES 2245516 T3 20060101; FR 2784506 A1 20000414;
HK 1034811 A1 20011102; JP 2002527974 A 20020827; KR 20010032890 A 20010425; TW 445666 B 20010711; WO 0022695 A1 20000420

DOCDB simple family (application)
US 58114300 A 20000609; AT 99947543 T 19991012; CN 99801814 A 19991012; DE 69926050 T 19991012; DK 99947543 T 19991012;
EP 99947543 A 19991012; ES 99947543 T 19991012; FR 9812727 A 19981012; FR 9902449 W 19991012; HK 01105222 A 20010726;
JP 2000576510 A 19991012; KR 20007006221 A 20000608; TW 88117503 A 19991011