

Title (en)
PATCH ANTENNA

Title (de)
PATCHANTENNE

Title (fr)
ANTENNE A PLAQUE

Publication
EP 1218960 B1 20041229 (DE)

Application
EP 00966373 A 20001005

Priority
• DE 19947783 A 19991005
• IB 0001504 W 20001005

Abstract (en)
[origin: WO0126177A1] The invention relates to a patch antenna, comprising a patch (1) located on one side of a substrate (2) and a connection for a supply conductor (14) on the opposite side of the substrate (2). According to the invention, the connection is configured as a segment of a ridge waveguide (3). The patch antenna is particularly suitable for emitting and receiving circular polarised radiation.

IPC 1-7
H01P 5/00

IPC 8 full level
H01P 5/00 (2006.01); **H01Q 9/04** (2006.01)

CPC (source: EP)
H01Q 9/0428 (2013.01); **H01Q 9/045** (2013.01)

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)
WO 0126177 A1 20010412; AT E286305 T1 20050115; AU 7680700 A 20010510; DE 19947783 A1 20010816; DE 50009138 D1 20050203; EP 1218960 A1 20020703; EP 1218960 B1 20041229

DOCDB simple family (application)
IB 0001504 W 20001005; AT 00966373 T 20001005; AU 7680700 A 20001005; DE 19947783 A 19991005; DE 50009138 T 20001005; EP 00966373 A 20001005