

Title (en)
Dual polarisation antennas

Title (de)
Antennen mit zwei Polarisationen

Title (fr)
Antennes à double polarisations

Publication
EP 1022803 B1 20080521 (EN)

Application
EP 99310446 A 19991222

Priority
GB 9901298 A 19990122

Abstract (en)
[origin: EP1022803A2] A dual polarisation antenna has a feed network comprising two feed channels 15, 16 which divide into feed lines 15a, 15b, 16a, 16b respectively coupled to four slots 13a, 13b, 14a, 14b. The four slots are in registration with and couple to four patches 10a, 10b, 12a, 12b which are in turn coupled to a radiating coating 5. <IMAGE> <IMAGE>

IPC 8 full level
H01Q 9/04 (2006.01); **H01Q 21/06** (2006.01); **H01Q 21/24** (2006.01)

CPC (source: EP)
H01Q 9/0435 (2013.01); **H01Q 9/0457** (2013.01); **H01Q 21/065** (2013.01); **H01Q 21/24** (2013.01)

Cited by
CN114696099A; CN105449356A; CN110534883A; CN110534890A; CN113517559A; CN114041242A; EP1689030A4; DE102011011494A1; EP2248223A4; CN110832699A; US6885264B1; WO2009108097A1; WO02095874A1; EP1914832A1; US8115684B2; US6507320B2; US11342688B2

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)
EP 1022803 A2 20000726; EP 1022803 A3 20010711; EP 1022803 B1 20080521; AT E396515 T1 20080615; DE 69938772 D1 20080703; GB 2346012 A 20000726; GB 2346012 B 20030604; GB 9901298 D0 19990310

DOCDB simple family (application)
EP 99310446 A 19991222; AT 99310446 T 19991222; DE 69938772 T 19991222; GB 9901298 A 19990122