

Title (en)  
HELIX-TYPE ANTENNA AND ITS MANUFACTURING PROCESS

Publication  
**EP 0320404 B1 19930303 (FR)**

Application  
**EP 88403145 A 19881209**

Priority  
FR 8717218 A 19871210

Abstract (en)  
[origin: EP0320404A1] The antenna comprises at least one radiating wire (11, 12, 13, 14) wound into a helix following a body of revolution (1). The antenna comprises a supply circuit (2) for the radiating wire(s) which consists of a transmission line of the strip line type (20), which ensures both the function of distribution of supply and of matching of the radiating wires of the antenna. <??>Application to the construction of circularly polarised radiating antennas for satellite telecommunications, radiolocation. <IMAGE>

IPC 1-7  
**H01Q 1/38**; **H01Q 11/08**

IPC 8 full level  
**H01Q 1/38** (2006.01); **H01Q 11/08** (2006.01)

CPC (source: EP US)  
**H01Q 1/38** (2013.01 - EP US); **H01Q 11/08** (2013.01 - EP US)

Cited by  
US5859621A; US5986620A; US6025816A; EP0520564A3; US6034650A; EP0865100A3; AU754008B2; EP0469741A1; US5191352A; GB2322236A; FR2759814A1; GB2322236B; EP1811601A1; EP1081787A3; EP0920073A1; FR2751137A1; EP0856906A3; FR2920917A1; US5909196A; US5349365A; US5346300A; EP0521511A3; US5920292A; US5896113A; US5945963A; EP0743699A1; US5818398A; US5198831A; US6184844B1; US6400339B1; US6300917B1; US6690336B1; US6369776B1; US5999146A; US5990847A; EP0427654A1; FR2654554A1; US5255005A; EP0828310A3; WO9844589A3; WO9205602A1; WO9960663A1; WO9828814A1; WO0124315A1; US6339408B1; US6278414B1; US6300916B1; US8259030B2; US6535179B1; US6181297B1; US6229499B1; US6552693B1; WO2013139935A1; WO9606468A1; KR100257137B1; WO9801920A1; WO2009034125A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0320404 A1 19890614**; **EP 0320404 B1 19930303**; AT E86413 T1 19930315; CA 1291560 C 19911029; DE 3878862 D1 19930408; DE 3878862 T2 19930617; ES 2038328 T3 19930716; FR 2624656 A1 19890616; FR 2624656 B1 19900518; JP H01264003 A 19891020; JP H0758858 B2 19950621; US 5134422 A 19920728

DOCDB simple family (application)  
**EP 88403145 A 19881209**; AT 88403145 T 19881209; CA 585406 A 19881207; DE 3878862 T 19881209; ES 88403145 T 19881209; FR 8717218 A 19871210; JP 31278788 A 19881210; US 27728488 A 19881129