

Title (en)

Antenna with curved dipole elements

Title (de)

Antenne mit gekrümmten Dipolelementen

Title (fr)

Antenne avec éléments dipôle courbes

Publication

EP 0431764 B1 19970319 (EN)

Application

EP 90312325 A 19901112

Priority

US 44575489 A 19891204

Abstract (en)

[origin: EP0431764A2] An antenna comprises a base plate (20) forming a ground plane, a coaxial feed serving as a mast (22) connected to the base plate (20) and extending along an axis that is normal to the ground plane, and two orthogonal dipoles (24, 26) each formed of two elements. Each dipole element has a first end connected to and supported by the mast at a first location spaced apart from the ground plane by a predetermined distance and a second end closer to the ground plane and exhibits a curvature in a plane containing the mast. <IMAGE>

IPC 1-7

H01Q 21/20; **H01Q 21/26**

IPC 8 full level

H01Q 5/10 (2015.01); **H01Q 9/44** (2006.01); **H01Q 21/20** (2006.01); **H01Q 21/26** (2006.01)

CPC (source: EP KR)

H01Q 3/00 (2013.01 - KR); **H01Q 21/205** (2013.01 - EP); **H01Q 21/26** (2013.01 - EP)

Cited by

AU755335B2; EP3713015A1; CN114256606A; US2014176389A1; US9548526B2; US6831615B2; US6985123B2; US6819300B2; WO0180364A1; WO2008102406A3; US6333720B1; US9099781B2; US9761934B2; US10056682B2; WO9962139A1; WO2014089307A1

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