

Title (en)

ANTENNA OF THE HELIX TYPE HAVING RADIATING STRANDS WITH A SINUSOIDAL PATTERN AND ASSOCIATED MANUFACTURING PROCESS

Title (de)

ANTENNE DES HELIXTYPUS MIT STRAHLENDEN STRÄNGEN MIT EINEM SINUSFÖRMIGEN MUSTER UND DIESBEZÜGLICHER HERSTELLUNGSPROZESS

Title (fr)

ANTENNE DE TYPE HELICE A BRINS RAYONNANTS A MOTIF SINUSOÏDAL ET PROCEDE DE FABRICATION ASSOCIE

Publication

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Application

EP 08804012 A 20080911

Priority

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- FR 0757485 A 20070911

Abstract (en)

[origin: WO2009034125A1] The invention relates to an antenna of the helix type, comprising a plurality of radiating strands wound in a helix in an axisymmetric form (15), characterized in that each radiating strand is made up of at least one reference pattern (MR1, MR2, MR3) defined by an analytic function defined in a reference frame, the axis of the abscissae of which is the director axis of the radiating strands and is a periodic function of (I) or (II) and Ak correspond respectively to the frequency and to the amplitude of the sinusoid of index k.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2009034125A1

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