

Title (en)

Dipole for decametric waves and rotary antenna using the same

Title (de)

Kurzwellendipol und Drehantenne mit derartigen Dipolen

Title (fr)

DipÔle en ondes décamétriques, et antenne tournante équipée de ce dipÔle

Publication

**EP 0545762 B1 19960821 (FR)**

Application

**EP 92403125 A 19921120**

Priority

FR 9114816 A 19911129

Abstract (en)

[origin: EP0545762A1] Dipoles used in antenna dipole arrays for decametric waves. In order to preclude deformations, due to the wind, of whole wave dipole antennas employed for decametric waves, there is proposed a rigid whole wave dipole. This rigid dipole associates a dipole proper (D1), made from two half-dipoles in alignment with one another, and a reactance stub (S1) which affords a correct input impedance for the dipole proper and which, without electrical insulators, connects the dipole proper to the metal structure (P1) of the antenna. Application to antennas for decametric waves and, most particularly, to rotary antennas. <IMAGE>

IPC 1-7

**H01Q 9/16**; **H01Q 21/06**

IPC 8 full level

**H01Q 1/14** (2006.01); **H01Q 9/16** (2006.01); **H01Q 21/06** (2006.01); **H01Q 21/30** (2006.01)

CPC (source: EP)

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**EP 0545762 A1 19930609**; **EP 0545762 B1 19960821**; CN 1075575 A 19930825; CZ 341792 A3 19940316; DE 69212964 D1 19960926; DE 69212964 T2 19970123; FR 2684490 A1 19930604; FR 2684490 B1 19931231; HR P921375 A2 19940430; JP H06216629 A 19940805

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