

Title (en)

STACKED CROSS DIPOLE ANTENNA WITH FRACTAL 3D RADIATING ELEMENTS

Title (de)

GESTAFELTE KREUZDIPOLANTENNE MIT 3D FRAKTALE STRAHLUNGSELEMENTEN

Title (fr)

ANTENNE À DIPOLES CROISÉS SUPERPOSÉS AVEC ÉLÉMENTS RAYONNANTS À MOTIF FRACTAL VOLUMIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2010067022A2] The invention relates to a wideband antenna radiating element, comprising a leg holding up first and second components placed in a first plane, both of which are half-wave two-terminal network components having a symmetrical power supply that generates a linear dual polarization, and each of which include two arms. According to the invention, the radiating element also comprises at least a third component that is selected from among a two-terminal network or a patch placed within a second plane that is placed over the first plane, and each component consists of a fractal volume-based unit.

IPC 8 full level

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