

Title (en)

ANTENNA COMPRISING AT LEAST ONE DIPOLE OR A DIPOLE-LIKE RADIATOR ARRANGEMENT

Title (de)

ANTENNE MIT ZUMINDEST EINEM DIPOL ODER EINER DIPOLÄHNLICHEN STRAHLERANORDNUNG

Title (fr)

ANTENNE COMPORTANT AU MOINS UN DIPOLE OU UN ENSEMBLE RAYONNANT SEMBLABLE A UN DIPOLE

Publication

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Application

EP 04803976 A 20041216

Priority

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- DE 10359622 A 20031218

Abstract (en)

[origin: WO2005060049A1] Disclosed is an antenna or antenna array comprising at least one dipole or a dipole-like radiator arrangement or radiator structure (11) and a reflector (3). Said antenna or antenna array has the following characteristics: the radiator arrangement (11) encompasses an electrically conductive support device (15) that is connected in a capacitively and/or galvanically contactless manner to the electrically conductive reflector (3); an electrically conductive rod-shaped coupling element (21) which extends perpendicular to the reflector plane is provided on the front face of the reflector (3); the support device (15) can be placed on said rod-shaped coupling element (21) with the aid of an internal axial bore in such a way that the support device (15) and the rod-shaped coupling element (21) are capacitively coupled without being in galvanic contact; the antenna is fed by means of a coaxial cable (31) whose outer conductor is connected to the reflector and/or the rod-shaped coupling element (21) and whose inner conductor is galvanically or capacitively connected to an opposite half-dipole.

IPC 8 full level

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CPC (source: EP)

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