Title (en)

ANTENNA HAVING OBLIQUE RADIATING ELEMENTS

Title (de)

ANTENNE MIT GENEIGTEN STRAHLERELEMENTEN

Title (fr)

ANTENNE A ÉLÉMENTS RAYONNANTS INCLINES

Publication

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Application

EP 08736205 A 20080414

Priority

- EP 2008054507 W 20080414
- FR 0754447 A 20070413

Abstract (en)

[origin: WO2008125662A1] The invention relates to an antenna comprising a plurality of metallic elements (10, 20, 30, 40), said metallic elements (10, 20, 30, 40) being in point contact (11, 21, 31, 41) with a ground plane (M) and equally distributed about a central axis of symmetry (D) of the antenna, perpendicular to the ground plane (M). The antenna of the invention is characterized in that each metallic element extends from the point contact at a non-zero angle of inclination (q) to said ground plane (M) and in that the ground plane (M) includes at least one cavity (80-83, 84-87) so that, in operation, the antenna matching is better in a specified frequency band than when the ground plane (M) has no cavities.

IPC 8 full level

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