

Title (en)
DUAL-FREQUENCY BAND PRINTED ANTENNA

Title (de)
DOPPELBANDIGE GEDRUCKTE ANTENNE

Title (fr)
ANTENNE IMPRIMEE BI-BANDE

Publication
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Application
EP 00977654 A 20001109

Priority
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Abstract (en)
[origin: WO0135491A1] The invention concerns a compact printed antenna comprising, stacked by dielectric layers, two feed lines having perpendicular microstrips (41, 42), a ground plane, a first radiating element comprising several conductor strips (71) perpendicular to a first coupling slot (61) provided in the ground plane, and a second radiating element superposed on the first element and comprising several conductor strips (72) intersecting by superposition the first strips and perpendicular to a second coupling slot (62) provided in the ground plane. For instance, the elements (71, 72) radiate in DCS-1800 and GSM radio telephone frequency bands with perfectly orthogonal fields.

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IPC 8 full level
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