

Title (en)
INTEGRATED MULTI-FREQUENCY ANTENNA FOR MOBILE TELEPHONE

Title (de)
INTEGRIERTE MULTIFREQUENZANTENNE FÜR MOBILFUNKTELEFONE

Title (fr)
ANTENNE MULTI-FREQUENCE INTEGREE POUR TELEPHONE MOBILE

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Application
EP 03756023 A 20030528

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Abstract (en)
[origin: WO03103088A1] The invention relates to a PIFA-type multi-frequency antenna comprising a radiant element (10) which is placed remotely from a ground plane. The radiant element (10) comprises at least one connection to the aforementioned ground plane (32), a supply point (31) and at least one slit (20, etc.). One end of the slit is disposed on one edge (10a) of the radiant element (10) while the other end thereof is disposed inside the radiant element, said slit being shaped to define a convex area (11) on the radiant element (10). In this way, the antenna forms the centre of several resonant frequencies. The invention is characterised in that each slit (20) comprises at least one projection (40, , 50, etc.).

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