

Title (en)
PLANAR WIDEBAND ANTENNA

Title (de)
PLANARE BREITBANDANTENNE

Title (fr)
ANTENNE A LARGE BANDE PLANAIRE

Publication
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Application
EP 05779855 A 20050909

Priority
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Abstract (en)
[origin: WO2006051010A2] The invention relates to a planar wideband antenna which comprises a two-dimensional elliptical antenna device (2, 3, 4). Said elliptical antenna device (2, 3, 4) has a center antenna element (2), a first bent antenna element (3) and a second bent antenna element (4). The center antenna element (2) is arranged in parallel to a support (1). The bent antenna elements (3, 4) are configured by two opposite segments of the elliptical antenna device (2, 3, 4). The bent antenna elements (3, 4) point towards the support (1). A lower end (13) is provided on the first bent antenna element (3) and is used to feed a signal. An impedance device (7) connects the second bent antenna element (4) to a mass point (12) which is located in the vicinity of the lower end (13).

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