

Title (en)

EMBEDDED PLANAR ANTENNA AND PERTAINING TUNING METHOD

Title (de)

EINGEBETTETE PLANARE ANTENNE UND DAZUGEHÖRIGES ABSTIMMUNGVERFAHREN

Title (fr)

ANTENNE PLANE ENCASTREE ET METHODE D'ACCORD ASSOCIEE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2005096433A2] The invention relates to an improved planar antenna, especially a patch antenna (1), which comprises an electrically conductive ground plane (2); a first dielectric substrate layer (3) arranged on said ground plane (2) and having a first relative permittivity; at least one electrically conductive effective area (4) arranged on the first dielectric substrate layer (3) and electrically connected to one end (5a) of an electrically conductive feed line (5); at least one second dielectric substrate layer (6) arranged on the effective area (4) and having a second relative permittivity; whereby the second relative permittivity is larger or equal the first relative permittivity.

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