

Title (en)

COMPACT ANTENNA BLOCK FOR A WIRELESS DEVICE

Title (de)

KOMPAKTE BLOCKANTENNE FÜR EIN DRAHTLOSES GERÄT

Title (fr)

BLOC ANTENNE POUR DISPOSITIF SANS FIL PARTICULIEREMENT COMPACT

Publication

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Application

EP 02727662 A 20020416

Priority

- FR 0201311 W 20020416
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- FR 0105466 A 20010423

Abstract (en)

[origin: WO02087015A1] In order to create a compact antenna block a corner-shaped support is provided with a radiating area on an upper surface thereof and a transition area is provided on an underlying surface. The transition area is characterized in that it is triangular. The angle of the triangle forms a connection point for the antenna. The tapered part of the corner-shaped support is fitted with a pole enabling it to be lifted above the plane of the circuit to which the antenna block is connected, whereby the transition area extends gradually above said plane, the upper radiating area being substantially parallel to said plane. As a result the impedance of the antenna can be regulated more easily in such a way that it is continuously constant and the reflection coefficient is improved.

IPC 1-7

H01Q 5/00

IPC 8 full level

H01Q 5/00 (2006.01); **H01Q 5/364** (2015.01); **H01Q 5/371** (2015.01)

CPC (source: EP KR US)

H01Q 5/00 (2013.01 - KR); **H01Q 5/364** (2015.01 - EP US); **H01Q 5/371** (2015.01 - EP US)

Citation (search report)

See references of WO 02087015A1

Citation (examination)

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