

Title (en)
MULTIPLE BAND ANTENNA DEVICE

Title (de)
MEHRBANDANTENNENSYSTEM

Title (fr)
DISPOSITIF ANTENNE A BANDE MULTIPLE

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Application
EP 99947054 A 19990423

Priority
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Abstract (en)
[origin: WO9956345A1] A multiple band antenna device (1) comprises a plate element (2), on which two antenna elements (3, 4) intended for transmitting and receiving are formed. They have a common feeding point (5) and are at least partially shaped into acute angles in zigzag, mutually facing acute angles (3.1, 3.2, ..., 4.1, 4.2, ...) in the two antenna elements (3, 4) within an arbitrary interval, which comprises at least one such acute angle (3.1, 3.2, ..., 4.1, 4.2, ...) in each antenna element (3, 4), being displaced in relation to each other and having different ascent. Moreover, the antenna elements (3, 4) are so tuned that the first element (3) has a first resonance maximum at a first frequency (f1) and the second antenna element (4) has a first resonance maximum at a second frequency (f2), which is at least twice as high as said first frequency (f1), the first antenna element (3) having a second resonance maximum at a third frequency (f3), which is lower than said second frequency (f2).

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H01Q 1/36

IPC 8 full level
H01Q 1/24 (2006.01); **H01Q 1/38** (2006.01); **H01Q 5/00** (2006.01)

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