

Title (en)  
Third resonance antenna

Title (de)  
Antenne für dritte Resonanz

Title (fr)  
Antenne à résonance du troisième ordre

Publication  
**EP 0973229 A1 20000119 (EN)**

Application  
**EP 98111290 A 19980618**

Priority  
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Abstract (en)  
The present invention relates to an antenna with a first antenna element (3) comprising a first and a second oblong portion (5, 6) arranged parallel and with a distance ( $W_2$ ) to each other. A transverse portion (7) connects said first and said second oblong portion (5, 6) at a distance ( $L_2$ ) from a feeding side end (9) of said first and second oblong portion (5, 6). A feeding portion 8 extends parallel to and between said first and said second oblong portion (5, 6) for connecting said transverse portion (7) with a transmission line. A reflector means (15, 24, 31, 36, 40, 43) is spaced to and parallel with a common plane of said first and said second oblong portion (5, 6). The proposed antenna is adapted for radiating at the third resonance and provides good matching capabilities in view of the antenna input impedance. <IMAGE>

IPC 1-7  
**H01Q 9/06**; **H01Q 9/28**

IPC 8 full level  
**H01Q 1/38** (2006.01); **H01Q 9/06** (2006.01); **H01Q 9/28** (2006.01); **H01Q 21/08** (2006.01); **H01Q 21/12** (2006.01); **H01Q 21/20** (2006.01)

CPC (source: EP US)  
**H01Q 1/38** (2013.01 - EP); **H01Q 9/06** (2013.01 - EP); **H01Q 9/28** (2013.01 - EP); **H01Q 21/08** (2013.01 - EP); **H01Q 21/12** (2013.01 - EP US); **H01Q 21/205** (2013.01 - EP)

Citation (search report)

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