

Title (en)  
SMALL SIZED MULTIPLE BAND ANTENNA

Title (de)  
KLEINE MEHRBANDANTENNE

Title (fr)  
PETITE ANTENNE MULTIBANDE

Publication  
**EP 1210745 A1 20020605 (EN)**

Application  
**EP 00953607 A 20000804**

Priority  
• SE 0001543 W 20000804  
• SE 9902878 A 19990811

Abstract (en)  
[origin: WO0111721A1] A multiple frequency band antenna, comprising at least two antenna elements (10, 11, 20, 21, 60) connected via an antenna feeding network to a radio frequency source/receiver, said antenna elements being operable in at least two non-overlapping frequency bands. The antenna feeding network comprises means for connection to the radio frequency source/receiver, means for direct electrical connection to a feed-end portion of a first antenna element (10, 20) being operable in a lowermost frequency band, and means for capacitive coupling (24, 90) to a feed-end portion of at least a second antenna element being operable in a frequency band which is higher than said lowermost frequency band. Further, the capacitive coupling being dimensioned to provide a relatively high impedance for frequencies in said lowermost frequency band and a relatively low impedance for frequencies in said higher frequency band.

IPC 1-7  
**H01Q 5/00**

IPC 8 full level  
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CPC (source: EP KR)  
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Citation (search report)  
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