

Title (en)  
HELICAL ANTENNA

Title (de)  
SPIRALANTENNE

Title (fr)  
ANTENNE HELICOIDALE

Publication  
**EP 1196965 B1 20050216 (DE)**

Application  
**EP 00947810 A 20000626**

Priority  
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• DE 19929879 A 19990629

Abstract (en)  
[origin: DE19929879A1] The invention relates to a helical antenna (1) which can be supplied with various radiating characteristics in different modes. The helical antenna (1) comprises four electrically conductive helical limbs (11, 12, 13, 14) which are guided in an approximately parallel manner. The helical limbs (11, 12, 13, 14) are connected via their respective inner helical limb ends (5, 6, 7, 8) to a coplanar line (2) for supplying and/or receiving signals.

IPC 1-7  
**H01Q 9/27**; **H01Q 1/38**

IPC 8 full level  
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Citation (examination)  
• US 3019439 A 19620130 - REIS HERBERT J, et al  
• DE 3739205 A1 19890601 - PLESSEY OVERSEAS [GB]

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