

Title (en)  
MICROWAVE FLAT ANTENNA

Title (de)  
EBENE MIKROWELLENANTENNE

Title (fr)  
ANTENNE PLANE A HYPERFREQUENCES

Publication  
**EP 1012906 B1 20011114 (DE)**

Application  
**EP 98934748 A 19980519**

Priority  
• DE 9801375 W 19980519  
• DE 19742090 A 19970924

Abstract (en)  
[origin: DE19742090A1] The antenna has individual antenna elements (12) arranged over a ground plane (40) and coupled to each other via conductors of defined length. An adjustable plane (24,34) is arranged adjacent to the plane (26,36) in which the elements are arranged and carries phase shift elements. The conductors are discontinuous. Each break in the conductors is aligned with a U-shaped conductor section on the adjustable plane, such that the active length is adjustable by moving the adjustable plane. An Independent claim is also included for a microwave antenna.

IPC 1-7  
**H01Q 3/26**; **H01Q 3/32**; **H01Q 21/24**

IPC 8 full level  
**H01Q 3/26** (2006.01); **H01Q 3/32** (2006.01); **H01Q 9/04** (2006.01); **H01Q 13/10** (2006.01); **H01Q 21/06** (2006.01); **H01Q 21/24** (2006.01)

CPC (source: EP US)  
**H01Q 9/045** (2013.01 - EP US); **H01Q 21/065** (2013.01 - EP US); **H01Q 21/245** (2013.01 - EP US)

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**DE 19742090 A 19970924**; CN 98809406 A 19980519; DE 59802170 T 19980519; DE 9801375 W 19980519; EP 98934748 A 19980519; JP 2000513340 A 19980519; US 50933500 A 20000324