

Title (en)  
Improvements in or relating to microstrip antennas.

Title (de)  
Mikrostreifenleiterantenne.

Title (fr)  
Antenne à microbandes.

Publication  
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Application  
**EP 85304623 A 19850628**

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Abstract (en)  
The bandwidth of a microstrip circular patch antenna (1) of approximately half-wavelength diameter at the resonant frequency is increased by surrounding it with an annular conducting sheet (6) of approximately quarter-wavelength width separated from the patch (1) by a gap (5) and having its outer edge connected to the ground-plane (3). The resulting structure is particularly suitable for feeding a reflector antenna.

IPC 1-7  
**H01Q 9/04**

IPC 8 full level  
**H01Q 9/04** (2006.01); **H01Q 13/18** (2006.01); **H01Q 19/00** (2006.01)

CPC (source: EP)  
**H01Q 9/0464** (2013.01); **H01Q 13/18** (2013.01); **H01Q 19/005** (2013.01)

Citation (search report)  

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