

Title (en)  
ANTENNA ARRANGEMENT AND USE THEREOF

Title (de)  
ANTENNENANORDNUNG SOWIE VERWENDUNG

Title (fr)  
ENSEMBLE ANTENNE ET SON UTILISATION

Publication  
**EP 1969674 B1 20100901 (DE)**

Application  
**EP 06819622 A 20061120**

Priority  
• EP 2006068672 W 20061120  
• DE 102005062542 A 20051227

Abstract (en)  
[origin: DE102005062542A1] The arrangement has a conductive cylinder (2) that is provided on a conducting surface (1), where radial slots (3) are provided on a front surface of the cylinder. The front surface is provided opposite to the conducting surface. The segments (4), formed by the slots, or the slots are energized separately. The height of the cylinder in the area is selected lower than the half of an operating wavelength in such a manner that the radiation characteristic in the area outside a cylinder axis has high antenna gain than in the area of the cylinder axis.

IPC 8 full level  
**H01Q 13/18** (2006.01); **H01Q 13/10** (2006.01); **H01Q 21/24** (2006.01); **H01Q 21/28** (2006.01)

CPC (source: EP)  
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