

Title (en)  
Antenna device

Title (de)  
Antenne

Title (fr)  
Antenne

Publication  
**EP 0929116 A1 19990714 (EN)**

Application  
**EP 98124040 A 19981217**

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JP 88398 A 19980106

Abstract (en)  
The invention provides an antenna device (10), comprising: an antenna unit (13) including; a basic body made of at least one of dielectric ceramic and magnetic ceramic, at least one conductor (11) disposed inside or on a surface of the basic body, and a feeding electrode (12) for applying a voltage to the conductor (11), disposed on the surface of the basic body; a mounting board (17) on which said antenna unit (13) is mounted; a ground part (16) in association with said mounting board (17) and adapted to resonate with said antenna unit (13); and a length in the polarization direction of a radio wave of said ground part (16) being about  $\lambda/4$  or more, where  $\lambda$  is a wavelength of the radio wave. The above antenna device (10) achieves a small-size and high-gain. <IMAGE>

IPC 1-7  
**H01Q 1/36**; **H01Q 1/38**; **H01Q 9/28**

IPC 8 full level  
**H01Q 1/24** (2006.01); **H01Q 1/36** (2006.01); **H01Q 1/38** (2006.01); **H01Q 1/48** (2006.01); **H01Q 9/28** (2006.01); **H01Q 9/38** (2006.01)

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Citation (search report)

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