

Title (en)
ANTENNA STRUCTURE AND COMMUNICATION UNIT EMPLOYING IT

Title (de)
ANTENNENSTRUKTUR UND KOMMUNIKATIONSEINHEIT DAMIT

Title (fr)
STRUCTURE D'ANTENNE ET UNITE DE COMMUNICATION UTILISANT LADITE STRUCTURE

Publication
EP 1657785 A1 20060517 (EN)

Application
EP 04771956 A 20040820

Priority
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Abstract (en)
An antenna structure (1) includes a substrate (2) having a ground portion, a radiating electrode (3) disposed adjacent to one end of the substrate (2), and grounding extensions (4) connecting the radiating electrode (3) to the ground portion of the substrate (2). Each of the grounding extensions (4) respectively connected to opposite sides of a grounding end S of the radiating electrode (3) extends from a connection point between the grounding end (S) of the radiating electrode (3) and the grounding extension (4) towards an open end (K) of the radiating electrode (3). An end of each grounding extension (4) is connected to the ground portion of the substrate (2).

IPC 1-7
H01Q 13/08

IPC 8 full level
H01Q 1/24 (2006.01); **H01Q 1/36** (2006.01); **H01Q 5/00** (2006.01); **H01Q 9/04** (2006.01); **H01Q 9/42** (2006.01); **H01Q 13/08** (2006.01)

CPC (source: EP)
H01Q 1/243 (2013.01); **H01Q 5/371** (2015.01); **H01Q 5/378** (2015.01); **H01Q 9/0421** (2013.01); **H01Q 9/42** (2013.01)

Cited by
EP3336963A1; GB2449910A; GB2449910B; US8193998B2; US8884831B2; US7990320B2; US7417588B2

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