

Title (en)

Multiband radio antenna

Title (de)

Mehrband-Antennenanordnung für Funkkommunikationsgerät

Title (fr)

Antenne multibande pour un dispositif de radiocommunication

Publication

**EP 1414106 B1 20061129 (EN)**

Application

**EP 02445140 A 20021022**

Priority

EP 02445140 A 20021022

Abstract (en)

[origin: EP1414106A1] The antenna has longitudinal layer (4) and one transverse layer (5) extending from one end portion of the longitudinal layer (4) and another transverse layer (6) extending from the center portion of the longitudinal layer (4) in the same direction as the other transverse layer. A parasitic element (7) is located adjacent to outer portion of transverse layer and extends substantially parallel to the layer (6). An independent claim is also included for radio communication terminal.

IPC 8 full level

**H01Q 1/24** (2006.01); **H01Q 5/00** (2006.01); **H01Q 5/371** (2015.01); **H01Q 5/378** (2015.01); **H01Q 9/04** (2006.01)

CPC (source: EP)

**H01Q 1/243** (2013.01); **H01Q 5/371** (2013.01); **H01Q 5/378** (2013.01); **H01Q 9/0421** (2013.01)

Cited by

CN103296386A; US10355346B2; US7218280B2; WO2008030852A3; US7423593B2; US8026853B2; US9761934B2; US10056682B2; EP1676336A1; US7256743B2; US9899727B2; US10644380B2; US11031677B2; US11349200B2; US11735810B2

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DOCDB simple family (publication)

**EP 1414106 A1 20040428**; **EP 1414106 B1 20061129**; AT E347181 T1 20061215; CN 100468861 C 20090311; CN 1706069 A 20051207; DE 60216470 D1 20070111; DE 60216470 T2 20070913

DOCDB simple family (application)

**EP 02445140 A 20021022**; AT 02445140 T 20021022; CN 200380101717 A 20031020; DE 60216470 T 20021022