

Title (en)
Low profile full wavelength meander type antenna

Title (de)
Mäanderförmige Antenne mit niedrigem Profil

Title (fr)
Antenne du type en méandres à profil mince

Publication
EP 1672732 B1 20070613 (EN)

Application
EP 04257844 A 20041216

Priority
EP 04257844 A 20041216

Abstract (en)
[origin: EP1672732A1] A low profile antenna has a meander length based on the full electrical wavelength of the signal being transmitted or received. The antenna can have either an open-loop structure or a closed-loop structure with a matching network. The low profile enables the antenna to be used in a card for a device such as a personal computer, personal digital assistant, wireless telephone and so on with minimal risk of the antenna breaking off, as compared with a prior art antenna having a higher height and thus more likelihood of being broken from its card.

IPC 8 full level
H01Q 1/22 (2006.01); **H01Q 1/38** (2006.01)

CPC (source: EP)
H01Q 1/22 (2013.01); **H01Q 1/38** (2013.01)

Cited by
CN102299406A; FR3003696A1; WO2012171482A1; WO2014147097A1; WO2011015511A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1672732 A1 20060621; **EP 1672732 B1 20070613**; AT E364910 T1 20070715; DE 602004007023 D1 20070726;
DE 602004007023 T2 20080214; HK 1091598 A1 20070119

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EP 04257844 A 20041216; AT 04257844 T 20041216; DE 602004007023 T 20041216; HK 06113370 A 20061205