

Title (en)

MULTIPLE RESONANT ANTENNA UNIT, PRINTED CIRCUIT BOARD BELONGING THERETO, AND RADIO COMMUNICATIONS UNIT

Title (de)

MEHRFACHRESONANTE ANTENNENEINHEIT, ZUGEHÖRIGE LEITERPLATINE SOWIE FUNKKOMMUNIKATIONSGERÄT

Title (fr)

UNITÉ D'ANTENNE À RESONANCE MULTIPLE, CIRCUIT IMPRIMÉ CORRESPONDANT ET APPAREIL DE RADIOCOMMUNICATION

Publication

EP 1972029 A1 20080924 (DE)

Application

EP 06819092 A 20061018

Priority

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- DE 102005049820 A 20051018

Abstract (en)

[origin: WO2007045665A1] A multiple resonant antenna unit (AT2) comprises a current feed area (SPI) from which only a single, spiral-like antenna branch (AZI) emanates. The total course of this spiral-like antenna branch (AZI) forms a first resonant antenna structure for a low frequency range and at least one partial section (SE15) inside the total course of this spiral-like antenna structure (AZI) forms a second resonant antenna structure for a higher frequency range.

IPC 8 full level

H01Q 9/42 (2006.01); **H01Q 1/24** (2006.01); **H01Q 1/38** (2006.01); **H01Q 5/00** (2006.01); **H01Q 5/10** (2015.01); **H01Q 5/357** (2015.01); **H01Q 5/50** (2015.01); **H01Q 9/04** (2006.01)

CPC (source: EP US)

H01Q 1/243 (2013.01 - EP US); **H01Q 1/38** (2013.01 - EP US); **H01Q 5/357** (2015.01 - EP US); **H01Q 5/50** (2015.01 - EP US); **H01Q 9/04** (2013.01 - EP US); **H01Q 9/42** (2013.01 - EP US)

Citation (search report)

See references of WO 2007045665A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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