

Title (en)

Multiband antenna

Title (de)

Mehrbandantenne

Title (fr)

Antenne multibande

Publication

EP 2950385 B1 20160824 (EN)

Application

EP 14305798 A 20140528

Priority

EP 14305798 A 20140528

Abstract (en)

[origin: EP2950385A1] The present disclosure relates to a multiband antenna (400), comprising a ground plane (49); a dipole antenna structure (46) coupled to the ground plane (49) and configured to radiate electromagnetic waves in a first frequency band; and an inverted-F antenna structure (40) coupled to the ground plane (49) and configured to radiate electromagnetic waves in a second frequency band.

IPC 8 full level

H01Q 1/24 (2006.01); **H01Q 5/40** (2015.01); **H01Q 9/42** (2006.01); **H01Q 21/26** (2006.01)

CPC (source: EP)

H01Q 1/246 (2013.01); **H01Q 5/40** (2015.01); **H01Q 9/42** (2013.01); **H01Q 21/26** (2013.01)

Citation (examination)

US 2012274532 A1 20121101 - KURASHIMA SHIGEMI [JP], et al

Cited by

CN110235306A; CN114883802A; CN107919522A; CN105896071A; CN109075430A; CN109417219A; EP3598578A4; EP3627622A4; US10950926B2; US10833416B2; US11223102B2; US11362437B2; WO2018103822A1; WO2021000138A1; WO2018007348A1; WO2021027350A1; US10854997B2; US11069959B1; WO2017213765A1; WO2019085504A1; WO2024041075A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2950385 A1 20151202; EP 2950385 B1 20160824

DOCDB simple family (application)

EP 14305798 A 20140528