

Title (en)
Ultra-wideband V-UHF antenna

Title (de)
Ultrabreitbandige V-UHF antenna

Title (fr)
Antenne à très large bande V-UHF

Publication
EP 1569297 B1 20131225 (FR)

Application
EP 05101169 A 20050216

Priority
FR 0402039 A 20040227

Abstract (en)
[origin: EP1569297A1] The system has two collinear dipoles (11, 12) operating in frequency bands (Fhinf, Fhsup and Fminf, Fmsup), respectively. The dipoles radiate when they are in their combined frequencies. The Fmsup frequency is higher or equal to Fhinf frequency. A monopole (13) operates in the band (Fbinf, Fbsup). A supply system has outputs (16-18) connected to dipoles (11, 12) and monopole (13) by transmission lines (21-23) respectively.

IPC 8 full level
H01Q 5/00 (2006.01); **H01Q 5/10** (2015.01); **H01Q 5/40** (2015.01); **H01Q 9/22** (2006.01); **H01Q 21/10** (2006.01); **H01Q 21/30** (2006.01)

CPC (source: EP US)
H01Q 5/00 (2013.01 - EP US); **H01Q 5/40** (2015.01 - EP US); **H01Q 9/22** (2013.01 - EP US); **H01Q 21/10** (2013.01 - EP US);
H01Q 21/30 (2013.01 - EP US)

Cited by
EP2883278A4; CN102017301A; FR2944650A1; US8570232B2; WO2010049018A1

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

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PL 1569297 T3 20140530; US 2005253768 A1 20051117; US 7183992 B2 20070227

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