

Title (en)

SHORTENED DIPOLE AND MONOPOLE LOOPS

Title (de)

VERKÜRZTER SCHLEIFEN-DIPOL UND SCHLEIFEN-MONOPOL

Title (fr)

DIPOLE CADRE ET MONOPOLE CADRE RACCOURCIS

Publication

EP 1312136 A1 20030521 (DE)

Application

EP 00979586 A 20001116

Priority

- DE 10040794 A 20000821
- EP 0011402 W 20001116

Abstract (en)

[origin: WO0217433A1] The invention relates to dipole and monopole loops with a much shortened emitter relative to the theoretical length thereof and electrically extended at the ends thereof by non-emitting conductor pieces.

IPC 1-7

H01Q 9/36; **H01Q 9/42**; **H01Q 9/26**

IPC 8 full level

H01Q 3/24 (2006.01); **H01Q 5/00** (2015.01); **H01Q 5/10** (2015.01); **H01Q 5/321** (2015.01); **H01Q 7/00** (2006.01); **H01Q 9/26** (2006.01); **H01Q 9/36** (2006.01); **H01Q 9/42** (2006.01)

CPC (source: EP US)

H01Q 9/26 (2013.01 - EP US); **H01Q 9/36** (2013.01 - EP US); **H01Q 9/42** (2013.01 - EP US)

Cited by

DE102006034559A1

Designated contracting state (EPC)

DE FI FR GB SE

DOCDB simple family (publication)

WO 0217433 A1 20020228; DE 10040794 A1 20020307; DE 50009609 D1 20050331; EP 1312136 A1 20030521; EP 1312136 B1 20050223; JP 2004507193 A 20040304; JP 4719404 B2 20110706; US 6947007 B1 20050920

DOCDB simple family (application)

EP 0011402 W 20001116; DE 10040794 A 20000821; DE 50009609 T 20001116; EP 00979586 A 20001116; JP 2002521395 A 20001116; US 36249903 A 20030221