

Title (en)
Helical antenna support

Title (de)
Halterung für Spiralantenne

Title (fr)
Support d'antenne hélicoïdale

Publication
EP 2234198 B1 20110928 (FR)

Application
EP 09305257 A 20090324

Priority
EP 09305257 A 20090324

Abstract (en)
[origin: EP2234198A1] The support (1) has rectangular support branches (1A-1C) equally distributed around a central column (1D). Width of the branches is made such that outer edges of the branches are arranged in a geometric cylinder of section equal to an internal section of a helical antenna (2). Comb elements (2A-2C) comprise slits spaced at a pitch identical to that of turns of the antenna. The elements are fixed on the outer edges of the branches, with the slits facing the branches. The elements have U section whose branch comprises the slots. The elements are connected to each of the branches by a hinge.

IPC 8 full level
H01Q 1/12 (2006.01); **H01Q 11/08** (2006.01)

CPC (source: EP)
H01Q 1/12 (2013.01); **H01Q 1/36** (2013.01); **H01Q 11/08** (2013.01)

Cited by
CN102769168A; CN103811852A; CN105896021A; DE102015010917A1; WO2017028955A1

Designated contracting state (EPC)
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 SE SI SK TR

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