

Title (en)

PROBE ARRANGEMENT FOR A PROBE-FED PATCH ANTENNA

Title (de)

SONDENANORDNUNG FÜR EINE SONDENGESPEISTE PATCHANTENNE

Title (fr)

AGENCEMENT DE SONDE POUR UNE ANTENNE PATCH À ALIMENTATION PAR SONDE

Publication

EP 3065217 A1 20160907 (EN)

Application

EP 15157084 A 20150302

Priority

EP 15157084 A 20150302

Abstract (en)

Provided is a probe arrangement for a probe-fed patch antenna, comprising a foot and a top and at least a first probe and a second probe, wherein the first probe and the second probe are electrically separated from each other, wherein each probe comprises a feeding portion, an intermediate portion and a termination portion, wherein the feeding portion extends from the foot to the top, wherein the intermediate portion and the termination portion are arranged at the top, wherein the intermediate portion extends at the top from the feeding portion to the termination portion, and wherein a width of the termination portion in a direction perpendicular to an extension direction of the intermediate portion is larger than a width of the intermediate portion in the direction perpendicular to the extension direction of the intermediate portion.

IPC 8 full level

H01Q 9/04 (2006.01); **H01Q 21/06** (2006.01); **H01Q 21/24** (2006.01); **H01Q 21/26** (2006.01)

CPC (source: EP)

H01Q 9/0457 (2013.01); **H01Q 21/062** (2013.01); **H01Q 21/24** (2013.01)

Citation (search report)

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- [A] DANPENG XIE ET AL: "Square Electrically Small EAD Antenna Array for RF Energy Harvesting from TV Broadcast Tower", 4 November 2014 (2014-11-04), XP055204978, Retrieved from the Internet <URL:http://ieeexplore.ieee.org/ielx7/7057737/7067568/07067717.pdf?tp=&arnumber=7067717&isnumber=7067568> [retrieved on 20150728]

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CN107706522A; CN108777352A; EP3389137A1; EP3977562A4; US12107349B2

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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