

Title (en)
LOOP ANTENNA ARRANGEMENT

Title (de)
PEILANTENNENANORDNUNG

Title (fr)
AGENCEMENT D'ANTENNE CADRE

Publication
EP 2732504 A4 20150422 (EN)

Application
EP 11869314 A 20110713

Priority
FI 2011050652 W 20110713

Abstract (en)
[origin: WO2013007868A1] The invention relates to an antenna structure (100) for a wireless communication device comprising a folded loop antenna radiator (101) that comprises a signal feeding point (103) and a contact point into which a switch circuit (102) is electrically connected. The switch circuit (102) comprises at least two switch paths with different kinds of loads (105, 106, 107, 108, 109). The folded loop antenna radiator (101) is connectable to a ground plane (104) or a sub circuit of a communication device through one of the switch paths.

IPC 8 full level
H01Q 7/00 (2006.01); **H01Q 5/335** (2015.01); **H01Q 5/371** (2015.01); **H01Q 9/14** (2006.01)

CPC (source: EP)
H01Q 5/335 (2015.01); **H01Q 5/371** (2015.01); **H01Q 7/005** (2013.01); **H01Q 9/145** (2013.01)

Citation (search report)

- [X] EP 2219265 A1 20100818 - LAIRD TECHNOLOGIES AB [SE]
- [Y] US 2009251383 A1 20091008 - TANI KAZUYA [JP], et al
- [Y] JP H08154012 A 19960611 - MATSUSHITA ELECTRIC IND CO LTD
- [Y] US 2006097918 A1 20060511 - OSHIYAMA TADASHI [JP], et al
- See references of WO 2013007868A1

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)
WO 2013007868 A1 20130117; EP 2732504 A1 20140521; EP 2732504 A4 20150422

DOCDB simple family (application)
FI 2011050652 W 20110713; EP 11869314 A 20110713