

Title (en)
A microstrip patch antenna

Title (de)
Mikrostreifenleiterantenne

Title (fr)
Antenne à plaques en microruban

Publication
EP 1936738 A1 20080625 (EN)

Application
EP 06077278 A 20061220

Priority
EP 06077278 A 20061220

Abstract (en)
The invention relates to a microstrip patch antenna, comprising a substantially rectangular electrically conducting area connected to a transmission line. The conducting area has a length and a width wherein the length substantially equals half a wavelength of a radio wave to be received by the microstrip patch antenna. Further, a width to length ratio of the conducting area is larger than approximately 1.5.

IPC 8 full level
H01Q 1/38 (2006.01); **H01Q 9/04** (2006.01)

CPC (source: EP)
H01Q 1/38 (2013.01); **H01Q 9/0407** (2013.01)

Citation (search report)

- [X] US 2006097926 A1 20060511 - FUJII TOMOHARU [JP], et al
- [X] US 3972050 A 19760727 - KALOI CYRIL M
- [X] US 6369760 B1 20020409 - NALBANDIAN VAHAKN [US], et al
- [X] US 3947850 A 19760330 - KALOI CYRIL M
- [X] PAN S-C ET AL: "SINGLE-FEED DUAL-FREQUENCY MICROSTRIP ANTENNA WITH TWO PATCHES", IEEE ANTENNAS AND PROPAGATION SOCIETY INTERNATIONAL SYMPOSIUM. 1999 DIGEST. APS. ORLANDO, FL, JULY 11 - 16, 1999, NEW YORK, NY : IEEE, US, vol. VOL. 3, 11 July 1999 (1999-07-11), pages 1644 - 1647, XP000927156, ISBN: 0-7803-5640-3

Cited by
EP4181318A4; US8659498B2

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1936738 A1 20080625; EP 2127023 A1 20091202; WO 2008075946 A1 20080626

DOCDB simple family (application)
EP 06077278 A 20061220; EP 07851920 A 20071218; NL 2007050660 W 20071218