

Title (en)
Ultra wide band antenna

Title (de)
Ultrabreitbandige Antenne

Title (fr)
Antenne à bande ultra-large

Publication
EP 1615294 A1 20060111 (EN)

Application
EP 04291700 A 20040702

Priority
EP 04291700 A 20040702

Abstract (en)
An ultra wide band (UWB) antenna is provided, characterised by a teardrop shaped main conductor 400, wherein beyond a region of attachment, a first derivative of the profile of the main conductor 501 is continuous.

IPC 8 full level
H01Q 9/28 (2006.01); **H01Q 9/40** (2006.01)

CPC (source: EP)
H01Q 9/28 (2013.01); **H01Q 9/40** (2013.01)

Citation (search report)

- [XA] US 6642903 B2 20031104 - SCHANTZ HANS GREGORY [US]
- [XA] DE 1616523 A1 19700430 - SIEMENS AG
- [XA] DE 19729664 A1 19990218 - INST MOBIL UND SATELLITENFUNKT [DE]
- [XA] US 2002122010 A1 20020905 - MCCORKLE JOHN W [US]
- [DXA] TANIGUCHI T ET AL: "An omnidirectional and low-vswr antenna for ultra-wideband wireless systems", PROCEEDINGS RAWCON 2002. 2002 IEEE RADIO AND WIRELESS CONFERENCE, 11 August 2002 (2002-08-11), PISCATAWAY, NJ, USA, pages 145 - 148, XP010601360
- [A] SOLER J ET AL: "Dual-band sierpinski fractal monopole antenna", DUAL-BAND SIERPINSKI FRACTAL MONOPOLE ANTENNA, vol. 3, 16 July 2000 (2000-07-16), pages 1712 - 1715, XP010515249

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

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