

Title (en)  
Multi-band slot-strip antenna

Title (de)  
Mehrband-Antenne mit Schlitzstreifen

Title (fr)  
Antenne à fente à barrette multibande

Publication  
**EP 1973197 B1 20100616 (EN)**

Application  
**EP 07104442 A 20070319**

Priority  
EP 07104442 A 20070319

Abstract (en)  
[origin: EP1973197A1] A multi-band antenna (300) includes a planar conductive layer (302) that comprises a conductive region (308) and a non-conductive region. The conductive region and the non-conductive region together define a first slot-strip structure (312), a second slot-strip structure (314) coupled to the first slot-strip structure, and a third slot-strip structure (316) coupled to the second slot-strip structure. The first slot-strip structure includes a signal feed portion (304). The second slot-strip structure includes a first signal grounding portion (306a). The third slot-strip structure includes a second signal grounding portion (306b).

IPC 8 full level  
**H01Q 9/04** (2006.01); **H01Q 5/10** (2015.01); **H01Q 5/371** (2015.01); **H01Q 5/385** (2015.01); **H01Q 1/24** (2006.01); **H01Q 1/38** (2006.01); **H01Q 5/00** (2006.01)

CPC (source: EP)  
**H01Q 1/243** (2013.01); **H01Q 1/38** (2013.01); **H01Q 5/371** (2015.01); **H01Q 5/385** (2015.01); **H01Q 9/0421** (2013.01); **H01Q 13/10** (2013.01)

Cited by  
US9502776B2; WO2013155015A1

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

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1973197 A1 20080924**; **EP 1973197 B1 20100616**; AT E471581 T1 20100715; CA 2684588 A1 20080925; CA 2684588 C 20120807; DE 602007007184 D1 20100729; WO 2008113171 A1 20080925

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