

Title (en)
Dual-band F-slot patch antenna

Title (de)
Dualband-F-Slot-Patch-Antenne

Title (fr)
Antenne Patch à fente F à double bande

Publication
EP 2385578 B1 20140521 (EN)

Application
EP 11168570 A 20070319

Priority
• EP 11168570 A 20070319
• EP 07104441 A 20070319

Abstract (en)
[origin: EP1973191A1] A dual-band antenna includes a planar conductive layer comprising a conductive region and a central non-conductive region. The conductive region and the non-conductive region together define a pair of interconnected F-slot structures, and a loop strip structure coupled to and disposed around the F-slot patch slot antenna structures.

IPC 8 full level
H01Q 1/24 (2006.01); **H01Q 5/00** (2006.01); **H01Q 5/10** (2015.01); **H01Q 5/357** (2015.01); **H01Q 5/371** (2015.01); **H01Q 7/00** (2006.01); **H01Q 9/04** (2006.01); **H01Q 13/10** (2006.01)

CPC (source: EP)
H01Q 1/243 (2013.01); **H01Q 5/357** (2015.01); **H01Q 5/371** (2015.01); **H01Q 7/00** (2013.01); **H01Q 9/0407** (2013.01); **H01Q 9/0421** (2013.01); **H01Q 13/10** (2013.01)

Cited by
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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

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EP 1973191 A1 20080924; **EP 1973191 B1 20140521**; CA 2681242 A1 20080925; CA 2681242 C 20120731; EP 2385578 A2 20111109; EP 2385578 A3 20130403; EP 2385578 B1 20140521; WO 2008113172 A1 20080925

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