

Title (en)
Antenna for several radio communications services

Title (de)
Antenne für mehrere Funkdienste

Title (fr)
Antenne pour plusieurs services radio

Publication
EP 0952625 B1 20130619 (DE)

Application
EP 99107069 A 19990410

Priority
DE 19817573 A 19980420

Abstract (en)
[origin: EP0952625A2] For one radio service, the antenna has a roof capacitance (1) oriented perpendicular to an antenna conductor. For at least one further radio service, a slot (3) is formed in the conductive plate of the roof capacitance, with a polarization oriented parallel to the roof capacitance. The length of the slot is selected to create a suitable impedance bandwidth.

IPC 8 full level
H01Q 1/32 (2006.01); **H01Q 5/01** (2006.01); **H01Q 5/10** (2015.01); **H01Q 9/04** (2006.01); **H01Q 13/10** (2006.01); **H01Q 21/30** (2006.01)

CPC (source: EP US)
H01Q 1/3275 (2013.01 - EP US); **H01Q 5/40** (2015.01 - EP US); **H01Q 9/0442** (2013.01 - EP US); **H01Q 13/10** (2013.01 - EP US); **H01Q 21/30** (2013.01 - EP US)

Citation (examination)
• US 5402136 A 19950328 - GOTO NAOHISA [JP], et al
• KRAUS, JOHN DANIEL: "Antennas", 1988, MCGRAW-HILL BOOK COMPANY, ISBN: 0-07-035422-7, pages: 624 - 627

Cited by
EP1148584A3; DE10304909B4; DE10303540A8; DE10303540B4; US6870510B2; US6768457B2; US6653982B2; US6968203B2; US6633258B2; WO0223668A1; WO0235645A1

Designated contracting state (EPC)
DE ES FR GB IT PT SE

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