

Title (en)
Antenna for several radio communications services

Title (de)
Antenne für mehrere Funkdienste

Title (fr)
Antenne pour plusieurs services radio

Publication
EP 0952625 A3 20010418 (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 1-7
H01Q 5/01; **H01Q 9/04**

IPC 8 full level
H01Q 5/10 (2015.01); **H01Q 1/32** (2006.01); **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 (search report)
• [XY] US 4692769 A 19870908 - GEGAN MICHAEL J [US]
• [X] US 4067016 A 19780103 - KALOI CYRIL M
• [YD] DE 19510236 A1 19960926 - LINDENMEIER HEINZ [DE]

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

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 19817573 A1 19991021; EP 0952625 A2 19991027; EP 0952625 A3 20010418; EP 0952625 B1 20130619; US 6218997 B1 20010417

DOCDB simple family (application)
DE 19817573 A 19980420; EP 99107069 A 19990410; US 29461599 A 19990419