

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)

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- [YD] DE 19510236 A1 19960926 - LINDENMEIER HEINZ [DE]

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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DE 19817573 A 19980420; EP 99107069 A 19990410; US 29461599 A 19990419