

Title (en)
Multifunctional printed antenna

Title (de)
Multifunktionale gedruckte Antenne

Title (fr)
Antenne imprimée multifonctions

Publication
EP 0999608 B1 20061213 (FR)

Application
EP 99402708 A 19991029

Priority
FR 9813869 A 19981104

Abstract (en)
[origin: EP0999608A1] The multiple antenna structure has a multiple printed layer structure with an earth plane (3). A first patch antenna (4) separated by a dielectric layer (5) forms a Global position Satellite antenna. The next layer up (13) forms a Global navigation satellite system patch antenna and is separated by a second dielectric layer (12). Finally, a third patch (16) forms the omni-direction landing system patch antenna, separated by a dielectric (15). The three antennas are circular, coaxial and decrease in size upwards.

IPC 8 full level
H01Q 9/04 (2006.01); **H01Q 1/22** (2006.01); **H01Q 5/00** (2006.01); **H01Q 5/40** (2015.01); **H01Q 9/00** (2006.01); **H01Q 21/28** (2006.01); **H01Q 21/30** (2006.01)

CPC (source: EP US)
H01Q 1/22 (2013.01 - EP US); **H01Q 5/40** (2015.01 - EP US); **H01Q 9/0414** (2013.01 - EP US); **H01Q 21/28** (2013.01 - EP US); **H01Q 21/30** (2013.01 - EP US)

Cited by
EP2000819A1; EP2306587A1; CN103337691A; US6861988B2; US8294613B2; WO02080307A1; WO2014190652A1; WO2008148530A1; US8228238B2; US8482466B2

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EP 0999608 A1 20000510; EP 0999608 B1 20061213; AT E348417 T1 20070115; DE 69934383 D1 20070125; FR 2785451 A1 20000505; FR 2785451 B1 20070511; US 6198439 B1 20010306

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