

Title (en)

MULTIBAND OMNIDIRECTIONAL ANTENNA

Title (de)

MULTIBAND-RUNDSTRAHLER

Title (fr)

ANTENNE OMNIDIRECTIONNELLE MULTIBANDE

Publication

EP 1955406 A1 20080813 (DE)

Application

EP 06807691 A 20061031

Priority

- EP 2006067981 W 20061031
- DE 102005055345 A 20051121

Abstract (en)

[origin: WO2007057300A1] The invention relates to a multiband omnidirectional antenna (1), which comprises a ground area (2) and an antenna element (3) arranged parallel to the ground area (2), wherein the antenna element (3) has a first flat antenna (4), which is designed to be flat and extends parallel to the ground area (2), a second flat antenna (5), which surrounds the first flat antenna (4) at a distance, and at least two connection elements (7) in order to connect the first and the second flat antennas (4, 5) to one another.

IPC 8 full level

H01Q 9/04 (2006.01); **H01Q 1/32** (2006.01); **H01Q 5/00** (2006.01); **H01Q 5/321** (2015.01); **H01Q 5/357** (2015.01)

CPC (source: EP US)

H01Q 1/3275 (2013.01 - EP US); **H01Q 5/321** (2015.01 - EP US); **H01Q 5/357** (2015.01 - EP US); **H01Q 9/0421** (2013.01 - EP US);
H01Q 9/0442 (2013.01 - EP US)

Citation (search report)

See references of WO 2007057300A1

Cited by

CN110504526A; US11658401B2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

DE 102005055345 A1 20070524; CN 101313436 A 20081126; EP 1955406 A1 20080813; EP 1955406 B1 20180725;
JP 2009516971 A 20090423; US 2009303131 A1 20091210; US 8004465 B2 20110823; WO 2007057300 A1 20070524

DOCDB simple family (application)

DE 102005055345 A 20051121; CN 200680043355 A 20061031; EP 06807691 A 20061031; EP 2006067981 W 20061031;
JP 2008541685 A 20061031; US 8493606 A 20061031