

Title (en)

Planar antenna with a ground plane whose dimensions can be modified

Title (de)

Planarantenne mit modifizierbaren Masseflächendimensionen

Title (fr)

Antenne planaire dont les dimensions du plan de masse sont modifiables

Publication

EP 1701406 B1 20100728 (FR)

Application

EP 06290353 A 20060302

Priority

FR 0502102 A 20050302

Abstract (en)

[origin: EP1701406A1] The antenna has ground planes (11a, 11b) and a radiation surface (12) extending parallel to the ground planes. A part of the ground planes extends to the right of the radiation surface and forms a ground reference for the radiation surface. A switchable junction (15) modifies the dimensions of the ground plane part. A control port of the junction disconnects one ground plane from another ground plane. Independent claims are also included for the following: (1) a mobile telephone terminal including an antenna (2) a method for controlling an antenna.

IPC 8 full level

H01Q 1/24 (2006.01); **H01Q 9/04** (2006.01)

CPC (source: EP)

H01Q 1/243 (2013.01); **H01Q 1/48** (2013.01); **H01Q 9/0421** (2013.01)

Citation (examination)

- US 2003193437 A1 20031016 - KANGASVIERI TOMI [FI], et al
- EP 1790034 A

Cited by

CN105322289A; EP2518822A4; EP2581982A1; US9257738B2; US9007274B2; WO2009000815A1; WO2010029306A1; US8493272B2; US8502739B2; KR101390434B1

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