

Title (en)

Antenna with switchable radiating planes and terminal comprising the same

Title (de)

Antenne mit schaltbaren strahlenden planar Elementen und Kommunikationsterminal mit denselben

Title (fr)

Antenne du type à surface(s) rayonnante(s) plane(s) commutable(s) et terminal de communication comportant cette antenne

Publication

EP 1699108 B1 20100407 (FR)

Application

EP 06290344 A 20060228

Priority

- FR 0502219 A 20050304
- FR 0503453 A 20050407

Abstract (en)

[origin: EP1699108A1] The antenna has a polarization switching unit (SW 1) whose terminals are connected to zones (Z 1, Z 2). Polarization switching units (SW 2, SW n-1) have terminals connected to the zone (Z 1) and one of other additional zones (Z 3, Z n). The zones (Z 2, Z 3, Z n) are subjected to polarization potentials of respective units (SW 1, SW 2, SW n-1) to control switching states of the units. Each switching unit traverses a space forming slot. An independent claim is also included for a mobile communication terminal comprising 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 9/0442** (2013.01)

Cited by

CN102349193A; CN103066375A; EP2996191A1; EP2991160A4; EP2523253A1; JP2012244620A; CN102780073A; US8780007B2; US9692129B2; WO2010083284A1; TWI482356B

Designated contracting state (EPC)

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