

Title (en)
Dual polarised antenna element

Title (de)
Dual polarisiertes Antennenelement

Title (fr)
Élément d'antenne à double polarisation

Publication
EP 0948084 A3 20010404 (DE)

Application
EP 99102424 A 19990209

Priority
DE 19815003 A 19980403

Abstract (en)
[origin: EP0948084A2] The antenna element has a planar radiation element (2) in a first plane, a metaled surface (4) in a second plane with at least two slots (5,6) arranged beneath the radiator element and a supply line structure (7,8) in a third plane coupled to the slots. One slot (5) on a radiator element symmetry line (11) and at least one other slot (6) is orthogonal and mirror symmetrical to the symmetry line. The slots are coupled to separate supply lines. The slot running orthogonally w.r.t. the symmetry line is coupled to a supply line, which forms a mirror symmetrical supply branch, at two points (12,13) arranged mirror symmetrically w.r.t. the symmetry line.

IPC 1-7
H01Q 9/04

IPC 8 full level
H01Q 9/04 (2006.01)

CPC (source: EP US)
H01Q 9/0435 (2013.01 - EP US); **H01Q 9/0457** (2013.01 - EP US); **H01Q 9/0478** (2013.01 - EP US)

Citation (search report)

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