

Title (en)
MICROSTRIP ANTENNA

Publication
EP 0325702 B1 19930908 (DE)

Application
EP 88117440 A 19881019

Priority
DE 3738513 A 19871113

Abstract (en)
[origin: EP0325702A1] A miniaturised stripline antenna (group antenna) having - an electrically conductive baseplate (a) - an electrically insulating substrate (b) - a group of radiating elements (c) and - supply lines (d), the distance between the baseplate (a) and the radiating elements (c) being enlarged by means of mesa-shaped raised areas or by trough-shaped depressions. <IMAGE>

IPC 1-7
H01Q 9/04; H01Q 21/06

IPC 8 full level
B64C 1/36 (2006.01); **B64G 1/66** (2006.01); **H01Q 1/40** (2006.01); **H01Q 9/04** (2006.01); **H01Q 13/08** (2006.01); **H01Q 13/18** (2006.01); **H01Q 21/06** (2006.01)

CPC (source: EP US)
H01Q 9/0407 (2013.01 - EP US); **H01Q 13/18** (2013.01 - EP US)

Citation (examination)

- IEE PROCEEDINGS SECTION A - I, Band 132, Nr.7, Teil H, Dezember 1985, Seiten 455-460, Stevenage, Herts, GB; J.S.DAHELE et al.: "Theory and experiment on microstrip antennas with airgaps."
- IEEE TRANS. ON ANTENNAS AND PROPAGATION, Band AP-29, Nr.1, Januar 1981, Seiten 2-24, New York, US; K.R.CARVER et al.: "Microstrip Antenna Technology."

Cited by
EP0634808A1; EP0610126A1; FR2701168A1; DE19603803A1; DE19603803C2; EP0651458A1; FR2711845A1; CN107364566A; WO2006012584A1

Designated contracting state (EPC)
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