

Title (en)

Multiple-antenna structure, in particular for satellite and ground installations

Title (de)

Antennenstruktur mit mehreren Antennen, insbesondere für Satelliten- und Bodeninstallationen

Title (fr)

Structure d'antenne à multiple antennes, en particulier pour installations au sol et satellite

Publication

EP 0977307 A1 20000202 (EN)

Application

EP 99202064 A 19990625

Priority

IT MI981779 A 19980730

Abstract (en)

A multiple-antenna structure (11), in particular for satellite and ground installations, of the type having at least one output and if necessary provided with external protection, comprising at least one first radiating element (12) and at least one second radiating element (13) designed to operate substantially in different frequency bands, the first radiating element (12) and the second radiating element (13) being electromagnetically decoupled from one another and having radiation planes which are substantially mutually perpendicular. <IMAGE>

IPC 1-7

H01Q 9/04; **H01Q 9/36**; **H01Q 21/28**; **H01Q 21/30**

IPC 8 full level

H01Q 9/04 (2006.01); **H01Q 9/36** (2006.01); **H01Q 21/28** (2006.01); **H01Q 21/30** (2006.01)

CPC (source: EP)

H01Q 9/0407 (2013.01); **H01Q 9/36** (2013.01); **H01Q 21/28** (2013.01); **H01Q 21/30** (2013.01)

Citation (search report)

- [X] GB 2272575 A 19940518 - GEC FERRANTI DEFENCE SYST [GB], et al
- [X] EP 0740361 A1 19961030 - FUBA AUTOMOTIVE GMBH [DE]
- [X] WO 9635241 A1 19961107 - CENTREPOINT TECHNOLOGY LIMITED [GB], et al
- [X] US 5654717 A 19970805 - NICHOLS MARK E [US], et al
- [A] US 5181044 A 19930119 - MATSUMOTO KAZUHIRO [JP], et al

Cited by

WO02080307A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0977307 A1 20000202; IT 1301886 B1 20000707; IT MI981779 A0 19980730; IT MI981779 A1 20000130

DOCDB simple family (application)

EP 99202064 A 19990625; IT MI981779 A 19980730