

Title (en)
ANTENNA WITH VARIABLE GEOMETRY

Title (de)
ANTENNE MIT VARIABLER GEOMETRIE

Title (fr)
ANTENNE A GEOMETRIE VARIABLE

Publication
EP 0958635 A1 19991124 (FR)

Application
EP 98910784 A 19980206

Priority
• FR 9800232 W 19980206
• FR 9701428 A 19970207
• FR 9800245 A 19980113

Abstract (en)
[origin: FR2759498A1] The invention concerns antennae whose dimensions can be modified so as to modify their radioelectric characteristics. The antenna comprises aligned conductor sections (11, 12) coupled by switching means (2) with remote control by electrically insulating connecting means transparent to radioelectric waves. The switching means are selected on the basis of their capacity for supporting high power or high voltage. One method consists in sending the command through optic fibres (F1, F2) so that they reach a relay (R) via photovoltaic cells (21, 22) located near this relay. The invention is mainly applicable to antennae operating on frequencies lower than 1 GHz.

IPC 1-7
H01Q 9/14

IPC 8 full level
H01Q 3/24 (2006.01); **H01Q 5/00** (2006.01); **H01Q 5/15** (2015.01); **H01Q 5/48** (2015.01); **H01Q 9/18** (2006.01); **H01Q 9/30** (2006.01); **H01Q 9/32** (2006.01); **H01Q 23/00** (2006.01)

CPC (source: EP US)
H01Q 3/247 (2013.01 - EP US); **H01Q 5/48** (2015.01 - EP US); **H01Q 9/14** (2013.01 - EP US); **H01Q 9/18** (2013.01 - EP US); **H01Q 9/30** (2013.01 - EP US); **H01Q 9/32** (2013.01 - EP US); **H01Q 23/00** (2013.01 - EP US)

Citation (search report)
See references of WO 9835402A1

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
FR 2759498 A1 19980814; FR 2759498 B1 19990827; AU 6503898 A 19980826; CA 2279987 A1 19980813; DE 69809392 D1 20021219; DE 69809392 T2 20030821; EP 0958635 A1 19991124; EP 0958635 B1 20021113; US 6195065 B1 20010227; WO 9835402 A1 19980813

DOCDB simple family (application)
FR 9800245 A 19980113; AU 6503898 A 19980206; CA 2279987 A 19980206; DE 69809392 T 19980206; EP 98910784 A 19980206; FR 9800232 W 19980206; US 35591899 A 19990809