

Title (en)
Satellite antenna system.

Title (de)
Antennensystem für Satelliten-Kommunikation.

Title (fr)
Système d'antenne pour communication d'un satellite.

Publication
EP 0540125 A1 19930505 (EN)

Application
EP 92203337 A 19921029

Priority
FI 915133 A 19911030

Abstract (en)
The invention relates to a satellite antenna system, particularly for land mobile voice communications, provided with a radiator unit (1), which is steerable to the satellite in the azimuth plane. According to the invention, the radiator unit (1) comprises two antenna elements (14, 15) and a ground plane (16); the said elements are formed of circular, planar, conductive plates and terminated to a load; they are turned at an angle of 180 DEG with respect to each other and evenly spaced at a standard distance from the ground plate. The radiator unit is used for receiving and transmitting circularly polarized electromagnetic radiation. <IMAGE>

IPC 1-7
H01Q 1/32; **H01Q 3/08**; **H01Q 9/04**

IPC 8 full level
H01Q 1/32 (2006.01); **H01Q 3/08** (2006.01); **H01Q 9/04** (2006.01)

CPC (source: EP)
H01Q 1/3275 (2013.01); **H01Q 3/08** (2013.01); **H01Q 9/0428** (2013.01)

Citation (search report)

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

DOCDB simple family (publication)
EP 0540125 A1 19930505; FI 90927 B 19931231; FI 90927 C 19940411; FI 915133 A0 19911030; FI 915133 A 19930501

DOCDB simple family (application)
EP 92203337 A 19921029; FI 915133 A 19911030