

Title (en)

Dual polarization directional antenna having choke reflectors for minimizing side lobe

Title (de)

Dualpolarisierte Richtantenne mit Drosselreflektoren zur Minimierung von Seitenkeulen

Title (fr)

Antenne directive à double polarisation avec des réflecteurs d'étranglement pour minimiser le rayonnement latéral

Publication

EP 0973231 A3 20010425 (EN)

Application

EP 99810600 A 19990706

Priority

KR 19980027126 A 19980706

Abstract (en)

[origin: EP0973231A2] The present invention is to provide a dual polarization directional antenna having choke reflectors for minimizing side lobe, including, a first reflection means for reflecting radiation energy; a plurality of radiation means for radiating energy in order to develop dual-polarization, the radiation means being arranged on the first reflection means; a main-power divider being supplied electric power from outer side power source thereof and distributing the electric power to each of the radiation means in a predetermined ratio; a plurality of sub-power dividers for transmitting the electric power distributed by the main-power divider to each of the radiation means; and a plurality of second reflection means for filtering and reflecting the energy radiated from the radiation means, and the reflection means being disposed on the first reflection means. <IMAGE>

IPC 1-7

H01Q 21/10; **H01Q 19/10**; **H01Q 3/20**; **H01Q 1/52**; **H01Q 1/24**; **H01Q 21/24**

IPC 8 full level

H01Q 1/24 (2006.01); **H01Q 1/52** (2006.01); **H01Q 3/12** (2006.01); **H01Q 3/20** (2006.01); **H01Q 15/00** (2006.01); **H01Q 19/10** (2006.01); **H01Q 21/10** (2006.01)

CPC (source: EP KR)

H01Q 1/246 (2013.01 - EP); **H01Q 1/523** (2013.01 - EP); **H01Q 3/12** (2013.01 - KR); **H01Q 3/20** (2013.01 - EP); **H01Q 15/00** (2013.01 - KR); **H01Q 19/10** (2013.01 - KR); **H01Q 19/108** (2013.01 - EP); **H01Q 21/10** (2013.01 - EP)

Citation (search report)

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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 0973231 A2 20000119; **EP 0973231 A3 20010425**; KR 100269584 B1 20001016; KR 20000007676 A 20000207

DOCDB simple family (application)

EP 99810600 A 19990706; KR 19980027126 A 19980706