

Title (en)

ANTENNA RECONFIGURABLE WITH RESPECT TO FREQUENCY, COVERAGE AND POLARISATION

Publication

**EP 0345768 A3 19901128 (EN)**

Application

**EP 89110358 A 19890608**

Priority

IT 4806788 A 19880609

Abstract (en)

[origin: EP0345768A2] Antenna to be reconfigured as to frequency, covering, polarization or function (table 1), mainly consisting in a system for the generation of a primary beam (B) and optionally of an optics (A) which alone can effect, in succession, missions which are different as to frequency bands and/or polarization and/or covering (i.e. as to form and/or width of the irradiated beam). Said antenna can effect an automatic following which may be present in one or in all of the missions. The simultaneous working at two different frequencies may be carried out by the use of a sistem for the generation of the primary beam having a dichroic reflecting surface. The invention may be used in civilian and military fields. It may further be used in movable and/or in stationary systems and in space systems.

IPC 1-7

**H01Q 25/00**; **H01Q 5/00**; **H01Q 3/24**

IPC 8 full level

**H01Q 3/24** (2006.01); **H01Q 5/00** (2006.01); **H01Q 5/45** (2015.01); **H01Q 25/00** (2006.01)

CPC (source: EP)

**H01Q 3/245** (2013.01); **H01Q 5/45** (2015.01); **H01Q 25/001** (2013.01)

Citation (search report)

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- [Y] EP 0100466 A1 19840215 - NEC CORP [JP]
- [X] US 4535338 A 19850813 - OHM EDWARD A [US]
- [X] Conference Proceedings 11th European Microwave Conference September 1981, Amsterdam/The Netherlands pages 567 - 572; Giefing;Leupelt: "A 12m Cassegrain Antenna with "Off-Set"Feed System for two Frequency Ranges and Monopulse Tracking with Bearing Error Correction"

Cited by

US6836258B2

Designated contracting state (EPC)

CH DE ES FR GB LI SE

DOCDB simple family (publication)

**EP 0345768 A2 19891213**; **EP 0345768 A3 19901128**; IT 1219615 B 19900524; IT 8848067 A0 19880609

DOCDB simple family (application)

**EP 89110358 A 19890608**; IT 4806788 A 19880609