

Title (en)

Antenna reconfigurable with respect to frequency, coverage and polarisation.

Title (de)

Antenne mit verstellbarer Konfiguration in Frequenz, Deckung und Polarisation.

Title (fr)

Antenne reconfigurable en fréquence, couverture et polarisation.

Publication

**EP 0345768 A2 19891213 (EN)**

Application

**EP 89110358 A 19890608**

Priority

IT 4806788 A 19880609

Abstract (en)

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 system 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.

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

IPC 8 full level

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CPC (source: EP)

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