

Title (en)

Antenna for direct reception from satellites.

Title (de)

Empfangsantenne für Satelliten-Direktempfang.

Title (fr)

Antenne pour la réception directe des émissions de satellites.

Publication

EP 0026001 A1 19810401 (DE)

Application

EP 80105715 A 19800923

Priority

- DE 2938741 A 19790925
- DE 2938796 A 19790925

Abstract (en)

1. A receiving antenna for direct satellite reception, having a pivoted antenna construction with an antenna reflector (1), in particular of parabolic shape, provided with a reference marking (2) extending in the direction of the electric axis (A1) of the antenna and defined by pre-adjustment in accordance with the radiation pattern of the antenna, characterised by the following features : a) the reference marking (2) consists of two mutually connected components (3, 4), of which one component (3) is mounted on the antenna construction so as to be pivotable about a first axis (5) and the second component (4) is mounted on the first component (3) so as to be pivotable about an axis (12) which is at right angles to the first axis ; b) the two components consist of planar adjacent plates (3, 4) having respective strips (8, 11) bent upwardly at right angles on mutually adjacent and parallel longitudinal sides ; c) the strip (11) of the second plate (4) forms the reference marking (2) and simultaneously serves to accommodate an adjusting screw (10) which allows the second plate (4) to be vertically pivoted ; and d) a device for adjusting the antenna in elevation and azimuth is provided, equipped with a contact edge (36) or contact surface which can be coupled to the reference marking (2).

Abstract (de)

Schwenkbare Antennenkonstruktion mit einem z.B. parabolischen Antennenreflektor. Um eine einfache Grobausrichtung der Antenne auf die Satellitenposition zu ermöglichen, ist die schwenkbare Antennenkonstruktion selbst mit einer in festem Bezug zur elektrischen Achse (A1) der Antenne stehenden Referenzmarkierung (2) versehen. Zur genauen Ausrichtung der Antenne kann eine Einrichtung zur Elevations- und Azimuteinstellung an die Referenzmarkierung gekoppelt werden. Die Erfindung ist zum Satelliten-Direktempfang von Hörfunk- und Fernsehprogrammen vorgesehen.

IPC 1-7

H01Q 1/12; **H01Q 15/16**

IPC 8 full level

H01Q 1/12 (2006.01); **H01Q 15/16** (2006.01)

CPC (source: EP)

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Citation (search report)

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