

Title (en)

Adjustable support device for a reflector mounted on a satellite.

Title (de)

Vorrichtung zur verstellbaren Halterung eines an einem Satelliten angeordneten Reflektors.

Title (fr)

Dispositif de support ajustable d'un réflecteur positionné sur un satellite.

Publication

EP 0076978 A1 19830420 (DE)

Application

EP 82109048 A 19820930

Priority

DE 3140000 A 19811008

Abstract (en)

1. Adjustable support device for a reflector mounted on a satellite consisting of a frame (4) swivelling around a shaft, a mounting flange (2) swivelling around a second shaft rectangular thereto, carrying the reflector, and drives (8, 8') for the swivel axes, wherein the mounting flange (2) is formed as an essentially C-shaped bow and is bed in both ends of the C-legs, that the frame (4) is formed as essentially rectangular and has a cross-piece (4') parallel to its narrow sides, and that the swivel axis (xx) for the frame (4) is at its one end mounted parallel to its narrow side and the swivel axis (yy) for the mounting flange is bed in the other narrow side in the cross-piece (4'), and that immediate drives (8, 8') which allow coarse as well as fine adjustment are assigned as drives for the axes.

Abstract (de)

Das Kreuzgelenk besteht aus zwei zueinander rechtwinkligen, sich zentral in oder unter einem Montageflansch (2) schneidenden und mit einem Antrieb versehenen Achsen (xx) und (yy). Die Achsen (xx) und (yy) sind so angeordnet, daß sie sich außerhalb des Montageflansches (2) schneiden, wobei die Achse (xx) zugleich Schwenkachse ist. Zur Grob- und Feinausrichtung der Achsen (xx) und (yy) ist der Antrieb als Direktantrieb (8, 8') ausgebildet.

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H01Q 3/08

IPC 8 full level

H01Q 3/08 (2006.01)

CPC (source: EP)

H01Q 3/08 (2013.01)

Citation (search report)

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- [A] US 2740962 A 19560403 - HAMMOND JR EDMUND B
- [A] GB 1051913 A

Cited by

US5517205A; WO9423469A1

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