

Title (en)

Device for connecting and guiding the separate folding elements of a foldable antenna reflector.

Title (de)

Vorrichtung zur Verbindung und Führung der einzelnen Faltelemente eines faltbaren starren Antennenreflektors.

Title (fr)

Dispositif de liaison et de guidage pour les éléments pliables d'un réflecteur d'antenne pliable.

Publication

EP 0070428 A2 19830126 (DE)

Application

EP 82105812 A 19820630

Priority

DE 3128926 A 19810722

Abstract (en)

[origin: US4511901A] This invention relates to an improvement in a collapsible antenna reflector with rigid, collapsible elements for high accuracy of contour, composed of a central panel and collapsible segments mounted thereto by means of joints, the improvement comprising means mounting the individual collapsible segments (5) so that in their collapsed state their contour curvature is equidirectional, with the individual collapsible segments being mounted perpendicularly to the central panel and being arranged from its periphery obliquely to the antenna axis.

Abstract (de)

Mit der Vorrichtung sind die einzelnen an einem Zentralpanel (3) mittels Gelenken (4, 10) angelenkten Faltsegmente (5) an ihren äusseren Enden über daran angeordnete Gelenke (6, 8) miteinander verbunden. Die Vorrichtung besteht aus einem Verbindungsstab (7), welcher die Faltsegmente (5) im Zusammenwirken mit den Gelenken (4, 10 und 6, 8) beim Entfalten definiert führt und in der Endstellung fixiert.

IPC 1-7

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IPC 8 full level

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