

Title (en)

DEVICE FOR CONNECTING AND GUIDING THE SEPARATE FOLDING ELEMENTS OF A FOLDABLE ANTENNA REFLECTOR

Publication

**EP 0070428 A3 19840328 (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.

IPC 1-7

**H01Q 15/16**; **H01Q 1/08**

IPC 8 full level

**H01Q 15/20** (2006.01); **H01Q 1/08** (2006.01); **H01Q 15/16** (2006.01)

CPC (source: EP US)

**H01Q 15/161** (2013.01 - EP US)

Citation (search report)

- [A] US 3715760 A 19730206 - PALMER W
- [A] US 3064534 A 19621120 - TUMAVICUS JULIUS W
- [A] US 3699576 A 19721017 - HOYER SIGURD
- [A] US 4030102 A 19770614 - KAPLAN RICHARD, et al
- [A] US 2806134 A 19570910 - ADNAN TARCICI
- [A] US 3174397 A 19650323 - SANBORN DANIEL S
- [A] DE 840231 C 19520529 - LEITZ ERNST GMBH
- [A] ZEITSCHRIFT FÜR FLUGWISSENSCHAFTEN UND WELTRAUMFORSCHUNG, Band 4, Nr. 5, September/Okttober 1980, Seiten 255-267, Köln (DE);

Cited by

EP0252247A1; CN104953229A

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AT CH FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0070428 A2 19830126**; **EP 0070428 A3 19840328**; **EP 0070428 B1 19871125**; AT E31130 T1 19871215; CA 1196719 A 19851112; DE 3128926 A1 19830210; DE 3128926 C2 19850502; ES 280866 U 19850616; ES 280866 Y 19860401; JP H0161242 B2 19891227; JP S5825701 A 19830216; US 4511901 A 19850416

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**EP 82105812 A 19820630**; AT 82105812 T 19820630; CA 407563 A 19820719; DE 3128926 A 19810722; ES 280866 U 19820721; JP 12595582 A 19820721; US 39709382 A 19820712