

Title (en)  
Collapsible antenna reflector.

Title (de)  
Faltbarer Antennenreflektor.

Title (fr)  
Réflecteur d'antenne déployable.

Publication  
**EP 0044241 A1 19820120 (FR)**

Application  
**EP 81401041 A 19810629**

Priority  
FR 8015527 A 19800711

Abstract (en)  
[origin: US4352113A] The present invention relates to a foldable antenna reflector, particularly of large dimensions, for example adapted to fit out a telecommunications or direct television satellite. According to the invention, said reflector has a structure comprising a plurality of arms, each of which is articulated at the end of a frame element remote from the axis of the reflector, so that, when said frame elements are in opened out position, said arms project angularly with respect thereto so that said structure forms a sort of cradle in the concavity of which is disposed said opened out supple dish and, when the frame elements are in collapsed position, said arms are folded along the side of said frame elements inside the cradle, so that said structure then forms a sort of bundle of small diameter enclosing said collapsed supple dish.

Abstract (fr)  
Selon l'invention, ce réflecteur comporte une structure articulée (11, 13) sur laquelle peut être montée une calotte réflectrice (15), dont la forme est ajustable grâce à des liens de tension (16). Equipment de satellites artificiels.

IPC 1-7  
**H01Q 15/16**

IPC 8 full level  
**H01Q 1/28** (2006.01); **H01Q 15/14** (2006.01); **H01Q 15/16** (2006.01); **H01Q 15/20** (2006.01)

CPC (source: EP US)  
**H01Q 1/288** (2013.01 - EP US); **H01Q 15/147** (2013.01 - EP US); **H01Q 15/161** (2013.01 - EP US)

Citation (search report)

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- US 3530469 A 19700922 - DAILEY WILLIAM J, et al
- US 2945234 A 19600712 - DRISCOLL DALE J

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FR2566588A1; CN102765491A; WO8810522A1

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DE GB NL

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**EP 0044241 A1 19820120**; **EP 0044241 B1 19841114**; CA 1167564 A 19840515; DE 3167179 D1 19841220; FR 2486722 A1 19820115; FR 2486722 B1 19840720; JP S5750103 A 19820324; JP S6255723 B2 19871120; US 4352113 A 19820928

DOCDB simple family (application)  
**EP 81401041 A 19810629**; CA 381116 A 19810703; DE 3167179 T 19810629; FR 8015527 A 19800711; JP 10721781 A 19810710; US 27785781 A 19810626