

Title (en)  
Deployable reflectors

Title (de)  
Entfaltbare Reflektoren

Title (fr)  
Réflecteurs déployables

Publication  
**EP 0838877 A3 19981216 (EN)**

Application  
**EP 97308214 A 19971016**

Priority  
GB 9622022 A 19961024

Abstract (en)  
[origin: EP0838877A2] An off-set paraboloidal reflector for a space-craft such as a communications satellite is made collapsible by mounting the reflective surface 9 on a number of ribs 8 which extend along generators of the parent paraboloid and which are hinged eg. to a support rail 10, to enable the reflector 2 to be hinged into a small space adjacent to the space-craft, yet providing a large area when deployed. <IMAGE> <IMAGE>

IPC 1-7  
**H01Q 15/16**; **H01Q 1/28**

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

CPC (source: EP)  
**H01Q 1/288** (2013.01); **H01Q 15/141** (2013.01); **H01Q 15/161** (2013.01)

Citation (search report)  
• [XA] US 4642652 A 19870210 - HERBIG HENNING [DE], et al  
• [XA] US 4769647 A 19880906 - HERBIG HENNING [DE], et al  
• [A] US 4191604 A 19800304 - MACTURK WILLIAM L [US]  
• [A] US 4845511 A 19890704 - GRAYSON FRED G [US], et al  
• [A] US 4030103 A 19770614 - CAMPBELL GORDON KIETH COLIN

Cited by  
FR2835099A1; US6864824B2; US9755318B2

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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