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(54) Deployable reflectors

(57) 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.

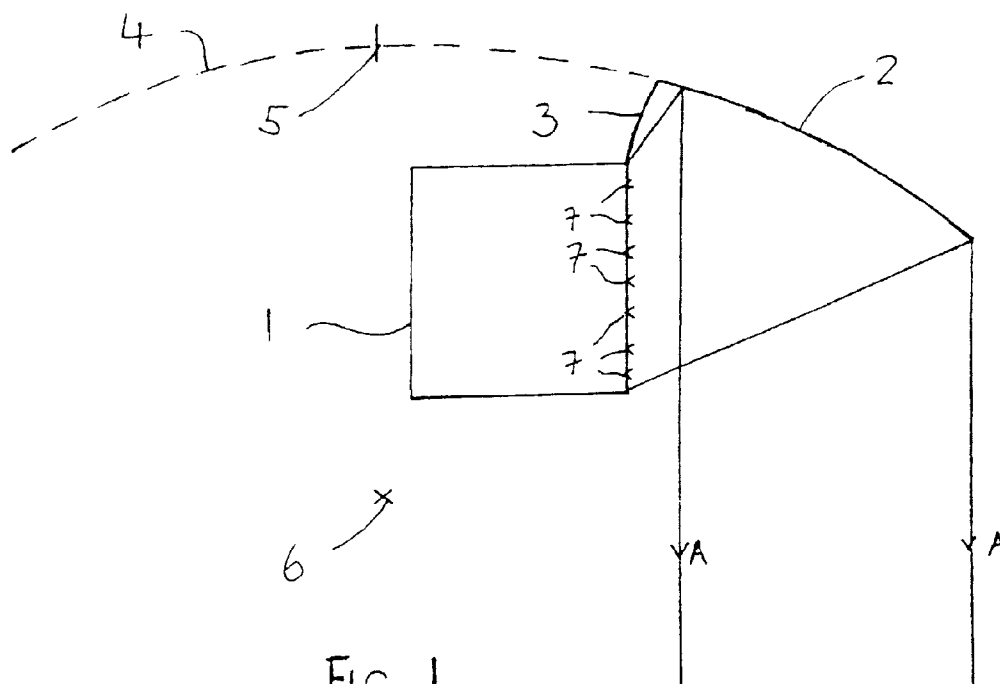
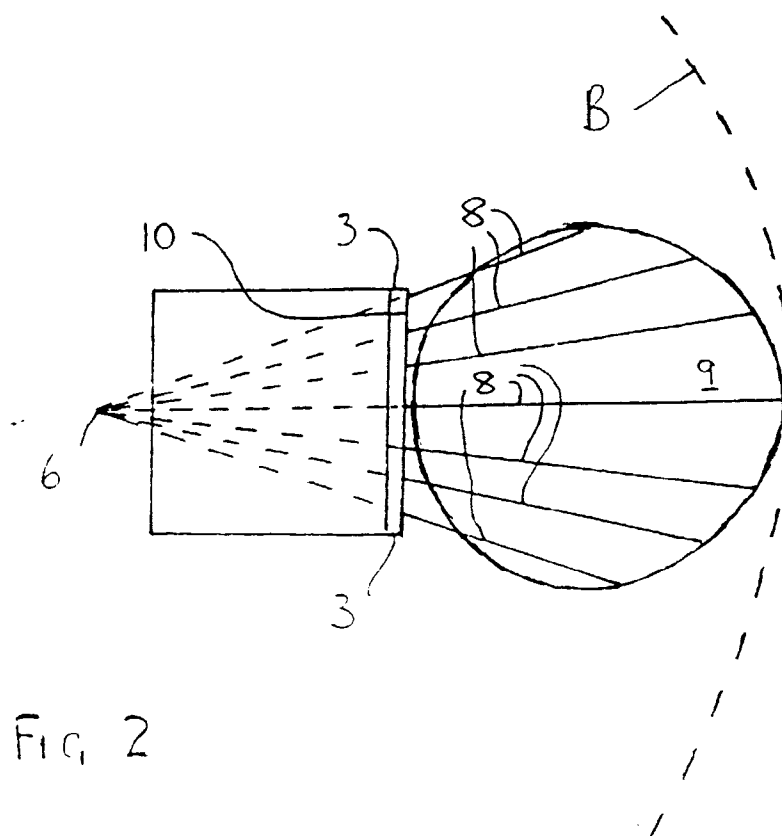


FIG 1

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EUROPEAN SEARCH REPORT

Application Number
EP 97 30 8214

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	US 4 642 652 A (HERBIG HENNING ET AL) 10 February 1987	1,2	H01Q15/16 H01Q1/28 H01Q15/14 B64G1/50
A	* the whole document * ---	10	
X	US 4 769 647 A (HERBIG HENNING ET AL) 6 September 1988	1,5	
A	* column 1 - column 2 * * column 3, line 53 - line 63 * ---	6	
A	US 4 191 604 A (MACTURK WILLIAM L) 4 March 1980	1,3,4, 9-13	
A	* the whole document * ---		
A	US 4 845 511 A (GRAYSON FRED G ET AL) 4 July 1989	1,3	TECHNICAL FIELDS SEARCHED (Int.Cl.6) H01Q B64G
A	* figure 1 * * abstract * ---		
A	US 4 030 103 A (G.K.C. CAMPBELL) 14 June 1977	1,5	
	* column 1, line 36 - line 50 * -----		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 21 October 1998	Examiner Wattiaux, V
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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