

Europäisches Patentamt European Patent Office Office européen des brevets



(11) **EP 1 017 125 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: **04.04.2001 Bulletin 2001/14**

(51) Int Cl.⁷: **H01Q 19/17**, H01Q 5/00, H01Q 3/18

- (43) Date of publication A2: **05.07.2000 Bulletin 2000/27**
- (21) Application number: 99400455.4
- (22) Date of filing: 24.02.1999
- (84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Designated Extension States:

AL LT LV MK RO SI

- (30) Priority: 28.12.1998 CN 98252021
- (71) Applicant: Microelectronics Technology Hsinchu (TW)

- (72) Inventor: Chou, Wen-Pin Hsin-chu (TW)
- (74) Representative: Jacobson, Claude et al Cabinet Lavoix
 2, Place d'Estienne d'Orves
 75441 Paris Cedex 09 (FR)

(54) Satellite block-down receiver set having adjustable mounting

(57)a satellite block-down receiver set having adjustable mounting is disclosed. The satellite block-down receiver set (10) comprises a plurality of satellite blockdown receivers and a mounting. The mounting (100) comprises a coupling part (110) incorporated with the plurality of satellite block-down receivers, a fixture part (120) being povable mounted on an arm (2) of a dish bracket and an adjustably connecting mechanism for adjustably connecting and fastening the coupling part and the fixture part. At least one of the coupling part and the fixture part is provided with an extension portion extending to and overlapping the other one of the two parts. The connecting mechanism is provided in the overlapping portions of the two parts such that the relative position of the two parts is adjustable when the connecting mechanism is loosed. According to the above structure, the position of each satellite block-down receiver relative to a reflector of a dish aerial is adjustale in at least two-dimensions when a plurality of satellite block-down receivers are used to receiving satellite signal by only one dish arial. Thus, a neutral and balanced receiving strength and effect can be obtained.

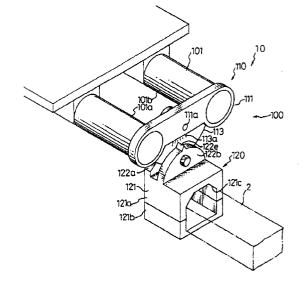


FIG.2



EUROPEAN SEARCH REPORT

Application Number EP 99 40 0455

Category	Citation of document with in of relevant passa	dication, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
Х	DE 44 46 084 A (KAT 4 July 1996 (1996-0	HREIN WERKE KG)		H01Q19/17 H01Q5/00 H01Q3/18
	* figures 2,3 *			
Х	GB 2 227 610 A (TEL 1 August 1990 (1990	EVES SA) -08-01)	1,2,4,9, 11,12, 14,18,20	
	* figure 1 *		14,10,20	
X	EP 0 843 381 A (YAG 20 May 1998 (1998-0 * abstract; figure	5-20)	1,12	
E,L	FR 2 786 321 A (MIC TECHNOLOGY IN) 26 M * the whole documen (L: priority)	ay 2000 (2000-05-26)	1-20	
Α	FR 2 746 966 A (TON 3 October 1997 (199 * claim 1 *		1,12	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
	The present search report has	been drawn up for all claims		
	Place of search	Date of completion of the search		Examiner
	THE HAGUE	13 February 2001	Van	Dooren, G
X : par Y : par doc	ATEGORY OF CITED DOCUMENTS ticularly relevant if taken alone ticularly relevant if combined with anot ument of the same category nnological background	L : document cited for	ument, but publice on the application or other reasons	
O : nor	n-written disclosure rrmediate document	& : member of the sa document		

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 99 40 0455

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

13-02-2001

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 4446084	Α	04-07-1996	NONE	
GB 2227610	Α	01-08-1990	ES 1008936 U FR 2642569 A PT 8050 U	16-06-198 03-08-199 10-11-198
EP 0843381	Α	20-05-1998	JP 10145138 A JP 10163737 A JP 10173562 A CN 1195900 A US 6121939 A	29-05-199 19-06-199 26-06-199 14-10-199 19-09-200
FR 2786321	Α	26-05-2000	DE 29904496 U	02-06-199
FR 2746966	Α	03-10-1997	NONE	

FORM P0459

 $\frac{\circ}{\mathring{u}}$ For more details about this annex : see Official Journal of the European Patent Office, No. 12/82