

(19)



Europäisches Patentamt

European Patent Office

Office européen des brevets



(11)

EP 0 688 062 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
15.05.1996 Bulletin 1996/20

(51) Int. Cl.⁶: **H01Q 19/06**

(43) Date of publication A2:
20.12.1995 Bulletin 1995/51

(21) Application number: **95201485.0**

(22) Date of filing: **06.06.1995**

(84) Designated Contracting States:
DE FR GB NL SE

(71) Applicant: **HOLLANDSE SIGNAALAPPARATEN
B.V.
NL-7554 RR Hengelo (NL)**

(30) Priority: **15.06.1994 NL 9400974**

(72) Inventor: **Reits, Bernard Jozef
7555 GW Hengelo (NL)**

(54) **Adjustable fresnel zone plate**

(57) The invention relates to a reflective Fresnel zone plate for concentrating microwaves into a focal point. The Fresnel zone plate consists of a large number of mechanically adjustable subreflectors (4) each having two possible positions. The subreflectors constitute a

first set of zones (1) and a second set of zones (2), with each zone construed for optimally contributing to the concentration of the microwaves.

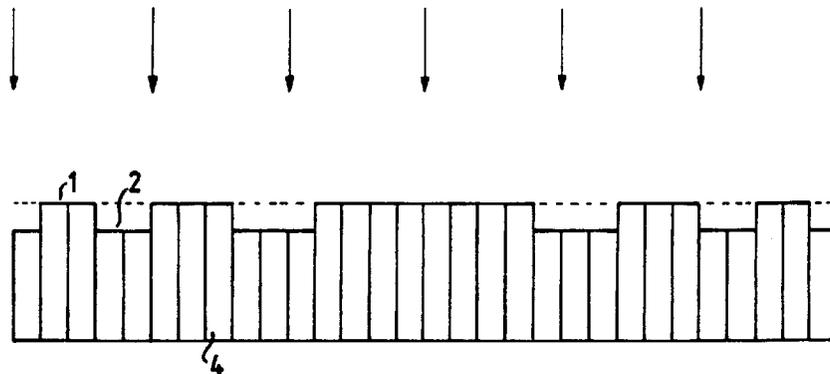


Fig. 2

EP 0 688 062 A3



European Patent Office

EUROPEAN SEARCH REPORT

Application Number
EP 95 20 1485

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 D A	EP-A-0 331 248 (HOLLANDSE SIGNAALAPPARATEN) & US-A-5 063 389 * abstract * * column 1, line 38 - column 2, line 50 * * column 7, line 16 - line 53; figures 3,4,6-8 *	1,2,6 3-5,7-10	H01Q19/06
X	--- GB-A-2 253 743 (GEC-MARCONI) * abstract * * page 7, last paragraph - page 8; figures 1,2,6 *	1	
A	--- US-A-3 978 484 (COLLIER) * abstract * * column 3, line 62 - column 4, line 57; figures 2-4 * -----	1,6	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			H01Q
Place of search	Date of completion of the search	Examiner	
THE HAGUE	18 March 1996	Angrabeit, F	
CATEGORY OF CITED DOCUMENTS		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	
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			

EPO FORM 1503 03.82 (F04C01)