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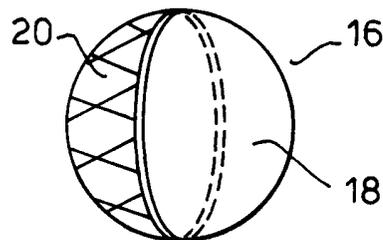
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(54) **Electromagnetic radiation disruption elements**

(57) Apparatus for the disruption of electromagnetic energy, comprising a plurality of element means, each

said element means having at least part of one surface adapted to reflect incident electromagnetic energy.

Fig.3.



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EUROPEAN SEARCH REPORT

Application Number
EP 97 31 0092

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 5 212 488 A (KONOTCHICK JOHN A) 18 May 1993 * abstract * * column 3, line 63 - column 4, line 20; figures 9-12 * ---	1-3,5-7	G02B5/08 F41H11/02 H01Q15/14 H01Q19/06
X	US 5 571 621 A (STEVENS WARD C ET AL) 5 November 1996 * abstract * * column 5, line 55 - column 6, line 34; figure 2 * ---	1,5	
X	US 4 233 882 A (EICHWEBER KURT) 18 November 1980 * abstract * * column 6, line 52 - column 7, line 6 * ---	1,5	
A	DE 33 37 941 A (BAYER AG) 9 May 1985 * page 4, line 4 - page 4, line 6; claims 1,2 * ---	1,5	
A	US 5 495 787 A (BOYER III LYNN L) 5 March 1996 * abstract; figures 1-3,11 * -----	1,5	TECHNICAL FIELDS SEARCHED (Int.Cl.6) G02B F41H H01Q
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 28 May 1999	Examiner Hessen, J
CATEGORY OF CITED DOCUMENTS 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		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	

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

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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
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5212488 A	18-05-1993	NONE	
US 5571621 A	05-11-1996	US 5686178 A US 5328717 A US 5034274 A WO 9640505 A CA 2194860 A EP 0770272 A WO 9601912 A US 5880692 A WO 9108897 A	11-11-1997 12-07-1994 23-07-1991 19-12-1996 25-01-1996 02-05-1997 25-01-1996 09-03-1997 27-06-1994
US 4233882 A	18-11-1980	DE 2750776 A	17-05-1979
DE 3337941 A	09-05-1985	NONE	
US 5495787 A	05-03-1996	NONE	

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82