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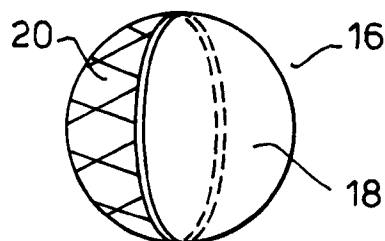
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(54) **Electromagnetic radiation disruption elements**

(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

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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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The members are as contained in the European Patent Office EDP file on
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28-05-1999

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	11-11-1997
			US 5328717 A	12-07-1994
			US 5034274 A	23-07-1991
			WO 9640505 A	19-12-1996
			CA 2194860 A	25-01-1996
			EP 0770272 A	02-05-1997
			WO 9601912 A	25-01-1996
			US 5880692 A	09-03-1997
			WO 9108897 A	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	