



(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
12.09.2001 Bulletin 2001/37

(51) Int Cl.7: **A63F 9/08**

(43) Date of publication A2:
21.02.2001 Bulletin 2001/08

(21) Application number: **00306956.4**

(22) Date of filing: **15.08.2000**

(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

(72) Inventor: **Bisse, Stephan**
London EC1M 5RS (GB)

(74) Representative: **Weitzel, David Stanley**
Brookes Batchellor
102-108 Clerkenwell Road
London EC1M 5SA (GB)

(30) Priority: **16.08.1999 GB 9919351**

(71) Applicant: **Bisse, Stephan**
London EC1M 5RS (GB)

(54) **Modular tetrahedral rings**

(57) Rings of tetrahedral bodies are described in which each body has two opposed edges hinged to edges of respective tetrahedral bodies adjacent in the ring.

A body has two part-tetrahedral bodies separate or separable from other part-tetrahedral bodies with which respective tetrahedral bodies can be assembled. The two part-tetrahedral bodies are joined hingedly between

edges corresponding to edges or part edges of the respective tetrahedral bodies.

In constructing a ring from such bodies, joins need to be made only between parts which do not move relative to one another, the hinge being already provided. The body including the hinge may be conveniently moulded in one piece from a suitable plastics material.

FIG. 1a

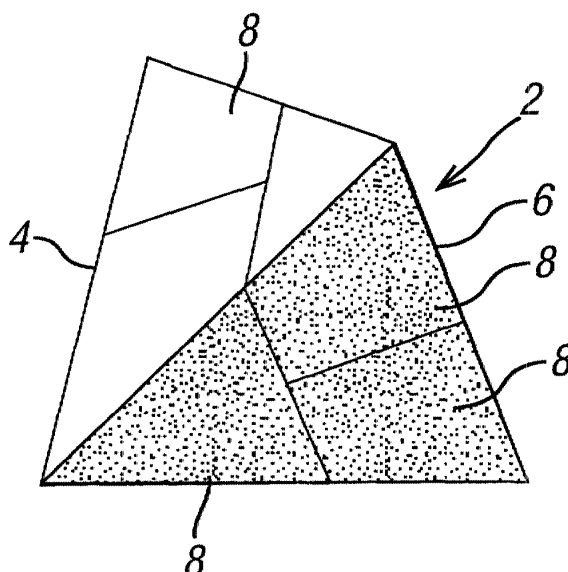
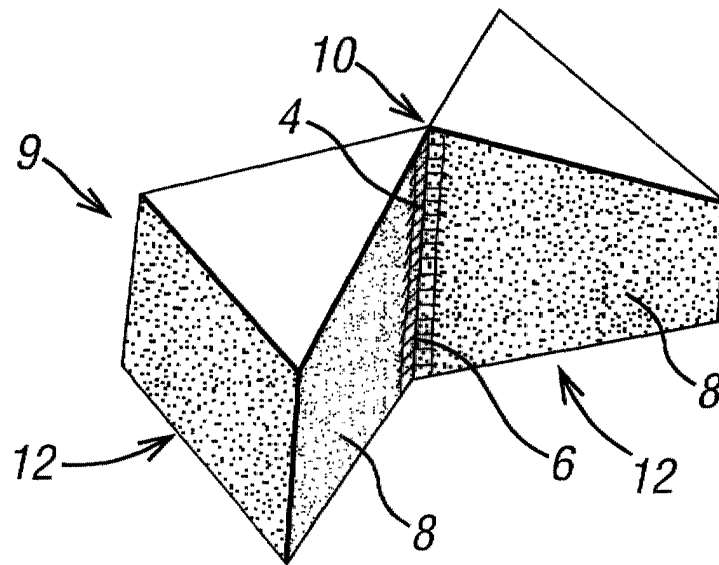


FIG. 1b





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 00 30 6956

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.7)
X	US 5 322 284 A (EL-AGAMAWI) 21 June 1994 (1994-06-21) * the whole document *	1-7, 9-15	A63F9/08
X	US 4 334 871 A (ROANE) 15 June 1982 (1982-06-15) * abstract; figures *	1, 8, 10	
X	FR 2 614 210 A (BEROFF) 28 October 1988 (1988-10-28) * claims; figures *	1, 8, 10	
X	US 5 338 034 A (ASCH) 16 August 1994 (1994-08-16) * abstract; figures *	1, 10	
X	US 5 344 148 A (ASCH) 6 September 1994 (1994-09-06) * abstract; figures *	1	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			A63F
Place of search		Date of completion of the search	Examiner
THE HAGUE		25 July 2001	Raybould, B
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			

EPC FORM 1503 03 82 (P04C01)

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

EP 00 30 6956

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.

25-07-2001

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5322284 A	21-06-1994	NONE	
US 4334871 A	15-06-1982	US 4258479 A US 4334870 A	31-03-1981 15-06-1982
FR 2614210 A	28-10-1988	NONE	
US 5338034 A	16-08-1994	DE 9012334 U AU 8334491 A WO 9203197 A	15-11-1990 17-03-1992 05-03-1992
US 5344148 A	06-09-1994	DE 9012477 U AU 8335591 A WO 9203198 A	22-11-1990 17-03-1992 05-03-1992

EPC FORM P0489

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