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- (71) Applicant: **Tecnotre s.r.l.** 37126 Verona (IT)

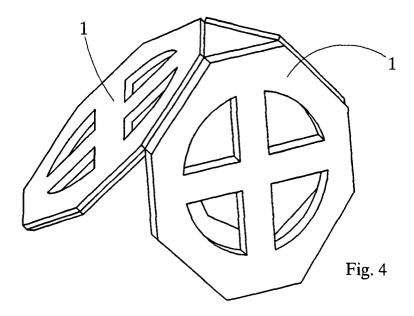
- (72) Inventor: Danese, Giorgio 37127 Verona (IT)
- (74) Representative: Savi, Alberto et al c/o CON LOR SPA,Via Amatore Sciesa, 937122 Verona (IT)

(54) Modular elements to be cast and fixed in seabeds or the like for the re-formation of aquatic life

(57) The present manufactured articles consist of essentially flat octagonal elements made of reinforced concrete. These elements are assembled together to obtain structures which are arranged on seabeds or lakebeds in such a way to be statically stable. In this way it is possible to create an ideal condition for a reformation of an ecosystem, in particular an underwater

ecosystem.

The subject element (1) has a polygonal shape, in particular it is shaped as a perforated octagon. The body of this element is flat and has a certain thickness. The element shows shaped openings (2) and one of the side of the octagon shows bevels (3) that facilitate the copling of the modular elements.





EUROPEAN SEARCH REPORT

Application Number

EP 01 12 2905

Category	Citation of document with inc		Relevant	CLASSIFICATION OF THE	
	of relevant passa		to claim	APPLICATION (Int.CI.7)	
X	JP 53 054587 A (KIKL 18 May 1978 (1978–05 * abstract; figures	1-4	E02B3/04 C04B28/02		
X	BE 895 025 A (VANLAM 16 March 1983 (1983- * page 3, line 13 - * figures 1-3 *	1,2,4			
X	US 5 988 942 A (ATKI 23 November 1999 (19 * column 5, line 45 * figures 1,2,6 *		1,2,4		
X	US 5 173 006 A (LOWE 22 December 1992 (19 * column 3, line 7 - * figures *		1		
Α	3		3		
Α	EP 0 143 752 B (PINA IND) 21 December 198 * column 2, line 36 * figure 1 *	8 (1988-12-21)	1-3	TECHNICAL FIELDS SEARCHED (Int.CI.7) E02B C04B A01K	
A	"CHEMICAL ABSTRACTS CHEMICAL SOCIETY. CO CHEMICAL ABSTRACTS + CHEMICAL SOCIETY. CO XP000157945 ISSN: 0009-2258 * abstract *	INDEXÉS, AMERICAN	4	A61K	
	The present search report has be				
	Place of search THE HAGUE	Date of completion of the search 12 June 2003	linh	eahn, S	
X : part Y : part doci	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with anoth-ument of the same category	T : theory or princi E : earlier patent c after the filing c er D : document cite L : document cite	iple underlying the document, but publicate in the application of the document in the application of the document.	invention ished on, or	
A : technological background O : non-written disclosure P : intermediate document			&: member of the same patent family, corresponding document		

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

EP 01 12 2905

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.

12-06-2003

Patent document cited in search report		Publication date		Patent family member(s)	Publication date	
JP	53054587	Α	18-05-1978	NONE		
BE	895025	Α	16-03-1983	BE EP	895025 A2 0109376 A1	16-03-1983 23-05-1984
US	5988942	A	23-11-1999	AU AU BR EP GB NZ WO	733751 B2 5093198 A 9713021 A 0972113 A1 2334987 A ,B 336244 A 9821413 A1	24-05-2001 03-06-1998 25-01-2000 19-01-2000 08-09-1999 26-05-2000 22-05-1998
us	5173006	Α	22-12-1992	NONE		
EP	0143752	В	05-06-1985	IT AT EP	1165479 B 39374 T 0143752 A2	22-04-1987 15-01-1989 05-06-1985

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