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(54) **Hull provided with telescopic keel**

(57) Present invention relates to a hull (1) having a fixed keel (3), coupled under said hull, **characterized in that** said keel (3) comprises a plurality of elements (6',...,

6ⁿ) telescopically coupled each other, so as to permit varying its length, and a ballast (4) at the end of said keel; and in that it provides lengthening-shortening means (7) for adjustment of length of said keel (3).

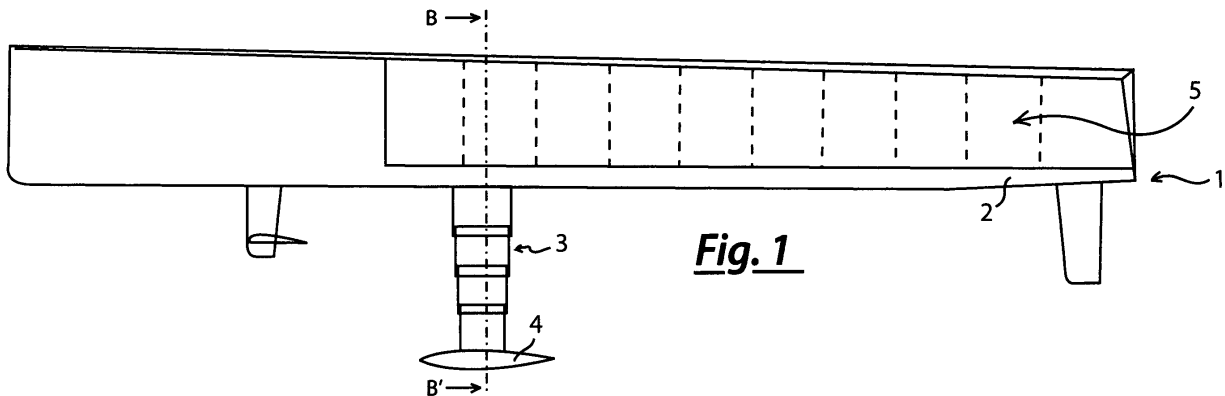


Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
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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 (IPC)
X	EP 0 941 919 A (KRUEGER HELLMUT [DE]) 15 September 1999 (1999-09-15) * paragraphs [0002] - [0005]; figure 1 * -----	1-3,5,6	INV. B63B41/00
X	GB 819 916 A (WALTER NORMAN KEMP; WALTER WLADYSLAW WEYNDLING) 9 September 1959 (1959-09-09) * page 1, line 68 - page 2, line 74; figures 1-6 * -----	1,2,4-6	
X	US 3 110 281 A (BUCK LLOYD P) 12 November 1963 (1963-11-12) * column 2, line 43 - column 3, line 58; figures 1-3 * -----	1,2,5,6	
X	DE 21 09 511 A1 (NEUHAUS, WERNER [DE]) 7 September 1972 (1972-09-07) * page 2, paragraph 3 - page 3, paragraph 1; figures 1-4 * -----	1,2,5	
X	FR 2 883 254 A (LAFOSSE YANN [FR]) 22 September 2006 (2006-09-22) * page 2, lines 22-29; figures 4,5 * -----	1,2,6	TECHNICAL FIELDS SEARCHED (IPC) B63B
X	FR 2 351 003 A (CABROL JEAN PIERRE [FR]) 9 December 1977 (1977-12-09) * page 1, line 13 - page 2, line 5; figure 1 * -----	1,2	
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 24 March 2009	Examiner Brumer, Alexandre
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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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:
1-6
- The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION
SHEET B**

Application Number
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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-6

Hull with telescopic keel

2. claims: 7-17

Hull with lateral tanks

**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
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

24-03-2009

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US 3110281	A	12-11-1963	NONE	

DE 2109511	A1	07-09-1972	NONE	

FR 2883254	A	22-09-2006	NONE	

FR 2351003	A	09-12-1977	NONE	

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