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(54) Sailing vessel.

(57) Detachable sailing vessel for high speed and performance comprising a horizontal triangular frame having its apex forward, which is carried by one central frontfloat under the apex and two rear-sidefloats, one under each side corner at the stern-beam.

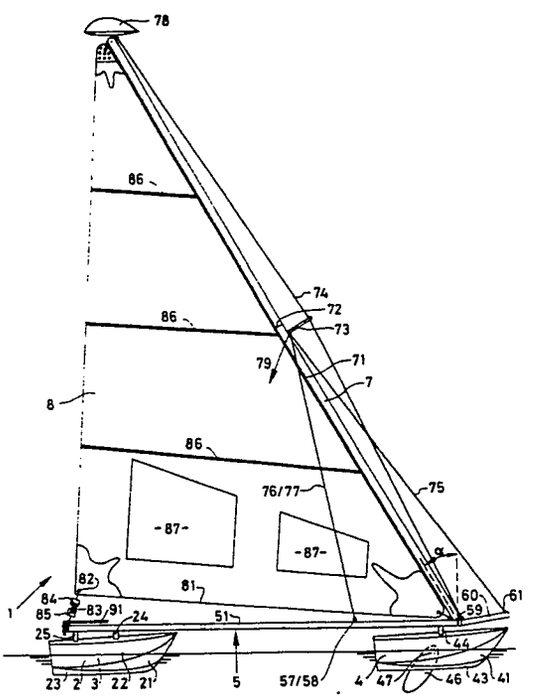
Stearing is done with a helm at the stern acting on either the frontfloat or on both rear-side floats.

In the latter steering mode, the frontfloat may have automatic course compensation by being able to pivot over about ± 10° while being urged by elastic means into the central position.

The mast is positioned near to the frame-apex and leans back at about 30°. Its both side stays run upwards from the sidebeams at a slight rearward angle of 5°-10° with regard to the vertical to the frame. Said side stays may consist of buckle-stiffened shores.

The vessel has one (main)sail with free (loose) underside.

Fig-1



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EUROPEAN SEARCH REPORT

Application number

EP 88 20 1328

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 4)
X	US-A-3 212 109 (ROMAN) * Column 1, lines 7-24; column 3, line 1 - column 4, line 24; column 5, line 47 - column 6, line 51 *	1,2,6-8,14	B 63 B 1/14 B 63 H 9/10
X	EP-A-0 004 796 (BERND) * Page 2, lines 15-23; page 5, line 12 - page 7, line 7; page 8, lines 6-15	1,2,6-8,14	
X	US-A-3 112 725 (LEROY MALROSE) * Column 3, line 53 - column 5, line 40; column 6, line 27 - column 7, line 61; figures 1,2,5 *	1,2,5,7,9,10,12	
X	FR-A-2 457 212 (MOURGUE) * Page 6, line 2 - page 7, line 35; page 8, lines 37-38; page 10, lines 34-37 *	1,2,7,9,10,12	TECHNICAL FIELDS SEARCHED (Int. Cl 4) B 63 B B 63 H
X	US-A-3 141 435 (M.L. MOFFITT) * Column 3, line 61 - column 4, line 36; column 5, lines 5-10 *	9-11	
A	FR-A-2 579 557 (HERVE GUILLERM) * Page 3, line 28 - page 5, line 27; figures 1-7 *	9-11	

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	08-06-1989	MARECHAL

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

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

☐ All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.

☐ Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid.

namely claims:

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

X LACK OF UNITY OF INVENTION

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

namely:

1. Claims 1-8,14: Construction and arrangement of the float members of a sailing vessel

2. Claims 9-13: Arrangement of a mast on a sailing vessel

☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ 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 has 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: