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(71) Applicant: **Staal- en Constructiebouw Goeree B.V.**
**3253 MA Ouddorp (NL)**

(72) Inventor: **Eeuwit, Dimmen Grinwis**
**3253 BM Ouddorp (NL)**

(74) Representative:
**Dohmen, Johannes Maria Gerardus et al**
**Algemeen Octrooibureau,**
**P.O. Box 645**
**5600 AP Eindhoven (NL)**

## (54) Jib with guy tensioner

(57) A jib is fixed to a vessel by means of a front guy and a rear guy. A tension spring-like element in the rear guy ensures that the rear guy will be taut at all times and that as a result the end of the jib will at all times be pulled to such a position by the rear guy fitted with the tension spring-like element that the front guy will also be taut. Upon lowering of the jib, the front guy and the rear guy will remain taut, in spite of the fact that the points of attachment for the front guy and the rear guy and the jib pivot, by means of which the jib is attached to the mast, are not aligned.

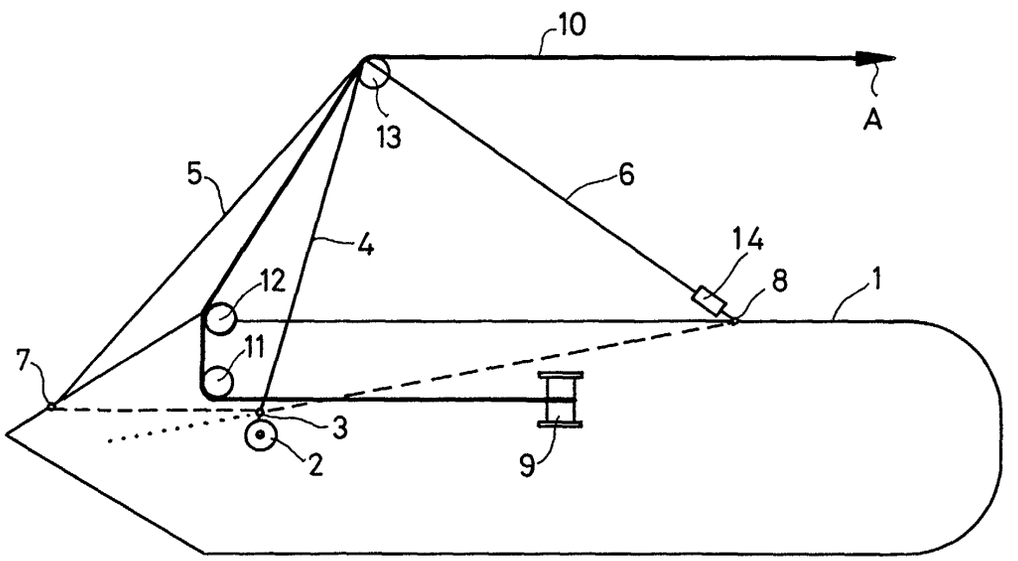



FIG. 1

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# EUROPEAN SEARCH REPORT

Application Number
EP 02 07 6616

## 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) |
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| X<br>Y | EP 0 184 698 A (BAUER FRITZ & SOEHNE OHG) 18 June 1986 (1986-06-18)<br>* page 3, line 24 - page 7, line 17; figures * | 16-20<br>4-15 | |
| Y | US 4 189 034 A (KATO TETUO) 19 February 1980 (1980-02-19)<br>* column 1, line 55 - column 2, line 54; figure 1 * | 4,5,<br>9-12,14,<br>15 | |
| A | US 4 928 925 A (CHRISTISON S GRANT) 29 May 1990 (1990-05-29)<br>* abstract; figures * | 1-3 | |
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The present search report has been drawn up for all claims

| Place of search | Date of completion of the search | Examiner |
|---|---|---|
| MUNICH | 20 September 2002 | Moya, E |

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 more than ten claims.

☐ Only part of the claims 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 claim(s):

☐ 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.

## 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:

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## 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: 1-15

   A jib with front and rear guys and a tension spring-like element.

2. Claims: 16-20

   A tensioning device comprising cylinder, piston and pressure vessel.

## ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 02 07 6616

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
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20-09-2002

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