



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**20.11.2002 Bulletin 2002/47**

(51) Int Cl.7: **B63B 35/20**

(43) Date of publication A2:  
**30.10.2002 Bulletin 2002/44**

(21) Application number: **02076616.8**

(22) Date of filing: **23.04.2002**

(84) Designated Contracting States:  
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU**  
**MC NL PT SE TR**  
 Designated Extension States:  
**AL LT LV MK RO SI**

(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)**

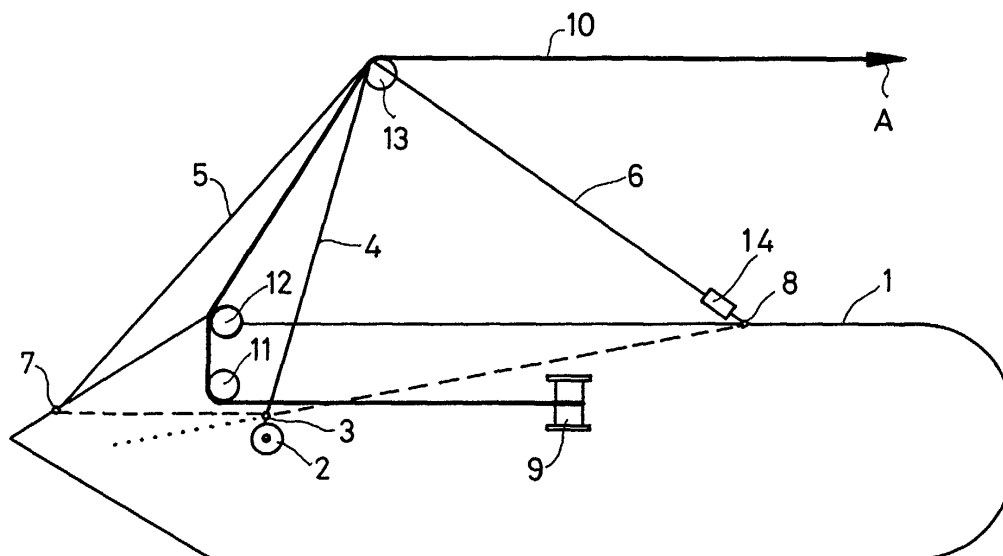
(30) Priority: **27.04.2001 NL 1017964**

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



European Patent  
Office

# 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)
X	EP 0 370 583 A (MAASKANT SCHEEPSWERF) 30 May 1990 (1990-05-30)	1-3	B63B35/20
Y	* column 2, line 28 - line 39; figures 1,,2A *	4-15	
X	EP 0 184 698 A (BAUER FRITZ & SOEHNE OHG) 18 June 1986 (1986-06-18)	16-20	
Y	* page 3, line 24 - page 7, line 17; figures *	4-15	
Y	US 4 189 034 A (KATO TETUO) 19 February 1980 (1980-02-19)	4,5, 9-12,14, 15	
A	US 4 928 925 A (CHRISTISON S GRANT) 29 May 1990 (1990-05-29)	1-3	TECHNICAL FIELDS SEARCHED (Int.Cl.7)  B63B B63H F16J F16F
A	GB 2 111 942 A (TSENG TSIUNG SIUNG) 13 July 1983 (1983-07-13)	1-3	
The present search report has been drawn up for all claims			
Place of search <b>MUNICH</b>		Date of completion of the search <b>20 September 2002</b>	Examiner <b>Moya, E</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 (P04/C01)



European Patent  
Office

Application Number

EP 02 07 6616

### 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:



European Patent  
Office

**LACK OF UNITY OF INVENTION  
SHEET B**

Application Number  
EP 02 07 6616

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

20-09-2002

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0370583	A	30-05-1990	NL	8802881 A	18-06-1990
			AT	85009 T	15-02-1993
			DE	68904635 D1	11-03-1993
			DE	68904635 T2	03-06-1993
			EP	0370583 A2	30-05-1990
			ES	2037407 T3	16-06-1993
			GR	3006932 T3	30-06-1993
EP 0184698	A	18-06-1986	EP	0184698 A2	18-06-1986
US 4189034	A	19-02-1980	JP	52113477 A	22-09-1977
			BR	7701687 A	24-01-1978
			DE	2712010 A1	22-09-1977
			FR	2344756 A1	14-10-1977
			GB	1578185 A	05-11-1980
US 4928925	A	29-05-1990	US	4624450 A	25-11-1986
			AT	40339 T	15-02-1989
			CA	1241465 A1	30-08-1988
			DE	3567841 D1	02-03-1989
			DK	424285 A	21-03-1986
			EP	0176832 A1	09-04-1986
			NO	853706 A ,B,	21-03-1986
GB 2111942	A	13-07-1983	DE	3150913 A1	30-06-1983