



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
23.02.2011 Bulletin 2011/08

(51) Int Cl.:
B66C 23/68 (2006.01)

(43) Date of publication A2:
19.11.2008 Bulletin 2008/47

(21) Application number: **08154726.7**

(22) Date of filing: **17.04.2008**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR
Designated Extension States:
AL BA MK RS

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(30) Priority: **14.05.2007 JP 2007128043**

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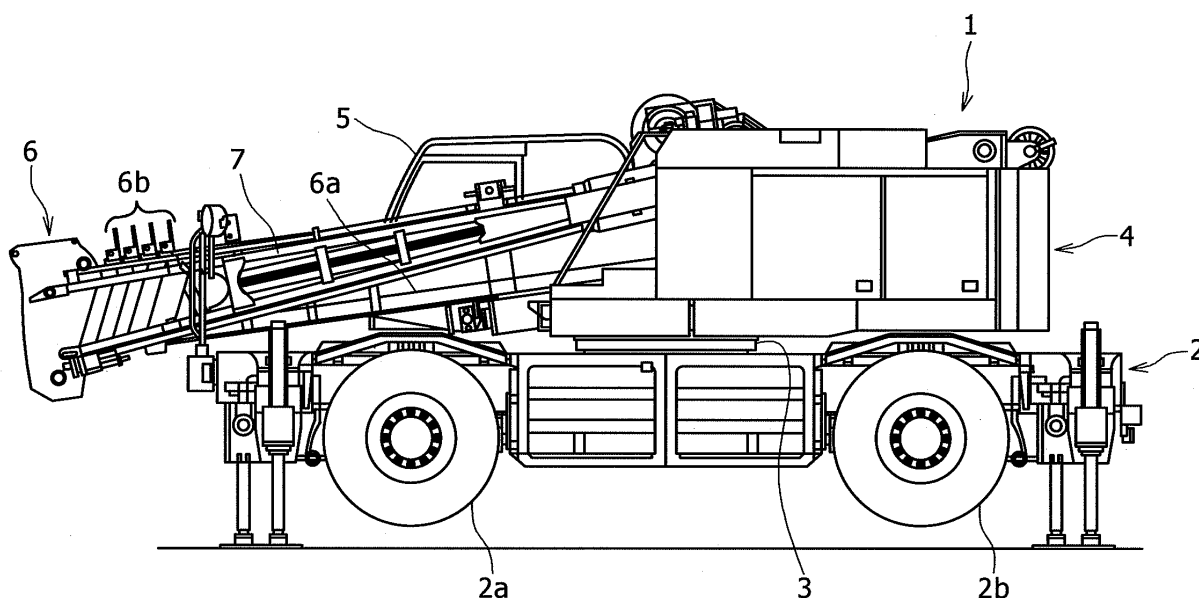
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(54) **Apparatus for stowing a jib**

(57) An apparatus for stowing a jib according to the present invention stows a jib (7) which is connectable to a top portion of a boom (6) in a side surface of the boom (6) of a wheel crane (1). A middle portion of the jib (7) in the longitudinal direction is supported. The supported position of the jib (7) is movable along the longitudinal di-

rection of the jib (7). The movement of the jib (7) in the longitudinal direction can be fixed. The apparatus for stowing the jib according to the present invention has a simple structure and excellent workability for stowing and extending the jib. The apparatus for stowing the jib is capable of corresponding to plural kinds of jibs having different gravity centers.

FIG. 1





EUROPEAN SEARCH REPORT

Application Number
EP 08 15 4726

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	JP 10 101294 A (KOBE STEEL LTD) 21 April 1998 (1998-04-21) * abstract; figures 1,7,9 * -----	1-7	INV. B66C23/68
A	GB 2 081 210 A (HARNISCHFEGGER CORP) 17 February 1982 (1982-02-17) * abstract; figures 1-4 * * page 2, line 112 - line 115 * -----	1-7	
A	EP 0 095 390 A1 (KIDDE INC [US]) 30 November 1983 (1983-11-30) * abstract; figure 1 * -----	1-7	
			TECHNICAL FIELDS SEARCHED (IPC)
			B66C
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		14 January 2011	Faymann, L
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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EPO FORM 1503 03.82 (F04C01)

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

EP 08 15 4726

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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14-01-2011

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 10101294	A	21-04-1998	JP 3451862 B2	29-09-2003

GB 2081210	A	17-02-1982	AU 537846 B2	12-07-1984
			AU 7255981 A	03-02-1983
			BR 8104880 A	13-04-1982
			CA 1150198 A1	19-07-1983
			DE 3128399 A1	24-06-1982
			FR 2487318 A1	29-01-1982
			JP 57051693 A	26-03-1982
			US 4318488 A	09-03-1982

EP 0095390	A1	30-11-1983	AU 562625 B2	18-06-1987
			AU 1499183 A	01-12-1983
			CA 1220171 A1	07-04-1987
			DE 3365836 D1	09-10-1986
			IT 1218718 B	19-04-1990
			JP 58216888 A	16-12-1983
			MX 156345 A	10-08-1988
			US 4483447 A	20-11-1984
