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EUROPEAN PATENT APPLICATION

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(71) Applicant: Langonnaise S.A.H. 2227 Luxembourg (LU)

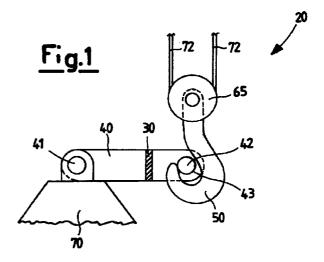
(72) Inventor: Juchem, Yvan Rombach (LU)

(74) Representative:

Appoloni, Romano et al ING. BARZANO' & ZANARDO MILANO S.p.A. Via Borgonuovo 10 20121 Milano (IT)

(54) A load hooking and lifting system

(57) A load hooking and lifting system (20), comprising a sling (70), which guarantees the hold during the lifting and movement operations of the loads and a connecting rod (40), having the fulcrum at one of its ends (41) on the sling (70) and being kept integral with a lifting hook (50), belonging for instance to a crane, which is positioned at the other end (42). A holding element (30) of the hook (50) prevents the accidental fall of the slung load and allows the release of the sling (70) only in case that the load is placed on a surface.





EUROPEAN SEARCH REPORT

Application Number

EP 98 20 1419

Category	Citation of document with indicati	on, where appropriate,	Relevant	CLASSIFICATION OF THE
4	US 1 386 583 A (PATERS)	NN 1 1D\	to claim	APPLICATION (Int.Cl.6)
`	2 August 1921 (1921-08- * the whole document *	·02)	1-6	B66C1/34
	US 3 741 600 A (CROOK E 26 June 1973 (1973-06-2 * abstract * * figures 1,3,4 *		1-6	
	EP 0 561 751 A (WIKLUNE 22 September 1993 (1993 * abstract * * figures 3,4 *	HENRY & CO) -09-22)	1	
				TECHNICAL FIELDS SEARCHED (Int.Cl.6)
				B66C
	The present search report has been di			
Place of search THE HAGUE		Date of completion of the search 14 March 2000	Sher	Examiner Dipard, B
X : partic Y : partic docur A : techn	TEGORY OF CITED DOCUMENTS ularly relevant if taken alone ularly relevant if combined with another nent of the same category ological background written disclosure	T : theory or principl E : earlier patent do after the filing da D : document cited i L : document cited for	e underlying the in cument, but publis te n the application or other reasons	nvention

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

EP 98 20 1419

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14-03-2000

Patent document cited in search repo		Publication date		Patent family member(s)	Publication date
US 1386583	Α	02-08-1921	NONE		
US 3741600	Α	26-06-1973	CA	982326 A	27-01-197
			DE	2214898 A	08-02-197
			FR	2147908 A	11-03-197
			GB	1360950 A	24-07-197
			US	RE28709 E	10-02-197
EP 0561751	Α	22-09-1993	 SE	507623 C	29-06-199
			DE	69315464 D	15-01-199
			DE	69315464 T	25-06-199
			JP	6016383 A	25-01-199
			SE	9200471 A	19-08-199
			US	5292165 A	08-03-199

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