# Europäisches Patentamt European Patent Office

Office européen des brevets

(11) **EP 0 916 757 A3** 

(12)

#### **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: **07.07.1999 Bulletin 1999/27** 

(51) Int. Cl.<sup>6</sup>: **D03C 1/14** 

(43) Date of publication A2: 19.05.1999 Bulletin 1999/20

(21) Application number: 98120891.1

(22) Date of filing: 22.10.1998

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Designated Extension States:

AL LT LV MK RO SI

(30) Priority: 23.10.1997 IT MI972389

(71) Applicant: FIMTEXTILE S.p.A. 24020 Torre Boldone (Bergamo) (IT)

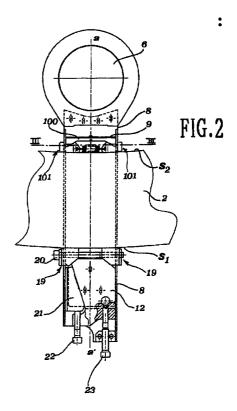
(72) Inventor: Cremonesi, Gian Luigi 24028 Ponte Nossa -Bergamo (IT)

(74) Representative:

Vatti, Paolo, Dr. Ing. et al Fumero Studio Consulenza Brevetti Franz-Josef-Strasse 38 80801 München (DE)

#### (54) Device to adjust the articulated head of the control linkage for the heald frames of looms

(57)The invention concerns an articulated head (5) of the control linkage for the heald frames of looms, operating on the control lever (2) of a shedding machine, comprising: a stiff long guide (8); a drawer (9) longitudinally sliding therein with precision, a portion of the control lever (2) crossing the guide (8) and the drawer (9); and at least first and second positive locking means, positioned opposite and acting on the two sides (S1, S2) of said lever (2). In said head (5) the first positive locking means comprise wedge-shaped elements (100, 101), apt to impart a direct pressure substantially transversal to the guide (8) and towards its longitudinal axis (a-a'), under the action of the adjacent side (S2) of said control lever (2) pressed on said wedge-shaped elements (100, 101) by the action of the second positive locking means.



EP 0 916 757 A3



## **EUROPEAN SEARCH REPORT**

**Application Number** EP 98 12 0891

Category	Citation of document with inc		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)	
	of relevant passa				
X	EP 0 744 482 A (STAU 27 November 1996	BLI SA ETS)	1,2	D03C1/14	
		- line 24; figure 3 *			
X		NN KAISER GMBH & CO KG	1,2		
	MAS) 13 January 1988 * column 4, line 5 -	column 5 line 6:			
	claims 1,2 *				
	ED 0 000 005 4 (0745		1 2		
Α	EP 0 633 335 A (STAE 11 January 1995	UBLI AG)	1,2		
	* the whole document	; <b>*</b>			
_					
D, A	EP 0 705 926 A (FIMT 10 April 1996	EXTILE SPA)	1		
	* the whole document	, <b>*</b>			
	-				
				TECHNICAL FIELDS SEARCHED (Int.Cl.6)	
				D03C	
	The present search report has b	_	1		
Place of search		Date of completion of the search	l la	Examiner	
	THE HAGUE	7 May 1999		aken, W	
	CATEGORY OF CITED DOCUMENTS	T : theory or princip E : earlier patent do	cument, but pub	invention lished on, or	
Y : par	ticularly relevant if taken alone ticularly relevant if combined with anoth	after the filing dater D : document cited	in the application		
A : tec	ument of the same category hnological background				
O : noi	n-written disclosure ermediate document	& : member of the s document	same patent fam	ily, corresponding	

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

EP 98 12 0891

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.

07-05-1999

	Patent document ed in search repo		Publication date		Patent family member(s)	Publication date
EP	0744482	Α	27-11-1996	FR JP US	2734610 A 8325879 A 5685346 A	29-11-1996 10-12-1996 11-11-1997
EP	0252177	Α	13-01-1988	NON	E	
ΕP	0633335	Α	11-01-1995	JP	7138835 A	30-05-199!
EP	0705926	Α	10-04-1996	IT DE JP	1271244 B 69508175 D 8170243 A	27-05-1993 15-04-1993 02-07-1996

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