



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 0 982 419 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
08.03.2000 Bulletin 2000/10

(51) Int. Cl.⁷: **D03C 3/24**, D03C 3/12,
D03C 3/06, D03C 3/20

(43) Date of publication A2:
01.03.2000 Bulletin 2000/09

(21) Application number: **99202700.3**

(22) Date of filing: **20.08.1999**

(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: **24.08.1998 BE 9800624**

(71) Applicant:
**N.V. Michel Van de Wiele
B-8510 Kortrijk (Marke) (BE)**

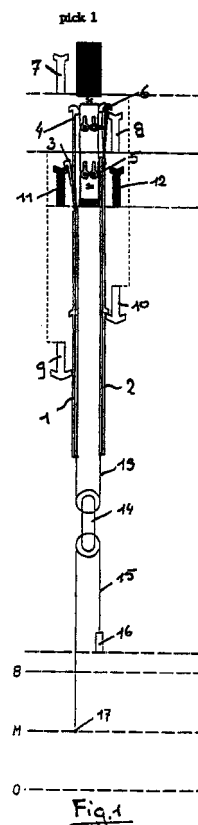
(72) Inventors:
• **Vanderjeugt, Bram
8900 Ieper (BE)**
• **Puype, Lode
8790 Waregem (BE)**

(74) Representative:
**Leherte, Georges M.L.M., Dr.
K.O.B. n.v.,
Pres. Kennedypark 31c
8500 Kortrijk (BE)**

(54) **Shed-forming mechanism for jacquard machines**

(57) The invention relates to a shed-forming mechanism for a jacquard machine, such as namely a three or multiple-position open-shed jacquard machine, which comprises:

hook elements (1,2) serving for lifting the warp threads of a weaving device, provided with one or more elastic selection elements (3-6), such as namely spring elements with at least two spring legs, one or more sets of upward and downward moving knives (7-10) on to which the hook elements (1,2) can hook on, and selector means (St,Sm) which can act on the elastic selection elements (3-6) in order selectively to allow the hook elements (1,2) to hook on to the knives (7-10) or not, whereby the selector means (St,Sm) for acting on the elastic selection elements (3-6) consist of push selectors, such as namely mechanical, electromechanical or piezoelectric push selectors.



EP 0 982 419 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 99 20 2700

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)
A	EP 0 779 384 A (STAUBLI LYON) 18 June 1997 (1997-06-18) * page 7, left-hand column, line 28 - page 10, right-hand column, line 27; figures 13-17 *	1-3,8	D03C3/24 D03C3/12 D03C3/06 D03C3/20
A	EP 0 736 621 A (WIELE MICHEL VAN DE NV) 9 October 1996 (1996-10-09) * column 12, line 26 - column 13, line 58; figures 5A-8C *	1,3,5-7,9,10	
A	WO 92 16678 A (TEXTILMA AG) 1 October 1992 (1992-10-01) * page 8, line 17 - page 9, line 22; figures 15,16 * * page 11, line 30 - page 12, line 3; figure 21 *	1,3,7,10	
A,D	EP 0 723 041 A (WIELE MICHEL VAN DE NV) 24 July 1996 (1996-07-24) * the whole document *	1-3,5-7,9	
A	EP 0 727 515 A (WIELE MICHEL VAN DE NV) 21 August 1996 (1996-08-21) * column 12, line 23 - line 41; figures 1-4 *	1,3,7,9	
A	FR 1 523 252 A (VERDOL) 16 September 1968 (1968-09-16) * page 2, right-hand column, line 44 - line 55; figures *	1-3,9	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 21 December 1999	Examiner Rebiere, J-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	

EPO FORM 1503 03.82 (P04C01)

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

EP 99 20 2700

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.

21-12-1999

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0779384 A	18-06-1997	FR 2742170 A	13-06-1997
		CN 1156769 A,B	13-08-1997
		JP 9209232 A	12-08-1997
		US 5743308 A	28-04-1998
EP 0736621 A	09-10-1996	BE 1009268 A	07-01-1997
		TR 960907 A	21-10-1996
WO 9216678 A	01-10-1992	BR 9204793 A	13-07-1993
		CA 2082653 A,C	14-09-1992
		CN 1064902 A	30-09-1992
		DE 4116163 A	17-09-1992
		DE 59206729 D	14-08-1996
		EP 0529027 A	03-03-1993
		ES 2089505 T	01-10-1996
		HK 1004282 A	20-11-1998
		JP 2944214 B	30-08-1999
		US 5373871 A	20-12-1994
EP 0723041 A	24-07-1996	BE 1009047 A	05-11-1996
		DE 69601652 D	15-04-1999
		DE 69601652 T	08-07-1999
		JP 8260283 A	08-10-1996
		TR 960714 A	21-08-1996
		US 5671784 A	30-09-1997
EP 0727515 A	21-08-1996	BE 1009137 A	03-12-1996
		DE 69602544 D	01-07-1999
		DE 69602544 T	23-09-1999
		TR 960836 A	21-10-1996
FR 1523252 A	16-09-1968	NONE	