

(1) Publication number: 0 470 789 A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 91307163.5

(51) Int. CI.⁵: **D04B 1/24**

(22) Date of filing: 05.08.91

(30) Priority: 06.08.90 JP 208394/90

(43) Date of publication of application : 12.02.92 Bulletin 92/07

84 Designated Contracting States : CH DE ES FR GB IT LI

88) Date of deferred publication of search report : 20.05.92 Bulletin 92/21

71 Applicant: SHIMA SEIKI MFG., LTD. 85, Sakata
Wakayama-shi, Wakayama-ken (JP)

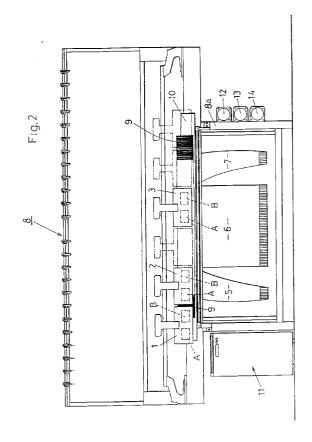
72 Inventor : Shima, Masahiro 3-22, Imafuku 1-chome Wakayama-shi, Wakayama-ken (JP)

(74) Representative : Hillier, Peter et al Reginald W. Barker & Co., 13, Charterhouse Square London, EC1M 6BA (GB)

64) A method of knitting a garment with a plurality of carriages.

57 A method of knitting a garment uses a plurality of carriages (1, 2, 3), different portions of the garment being knitted with the corresponding carriages at approximately the same time. The moving distance of the carriages is shorter and thus, the duration of knitting a given portion will be reduced. As the result, the productivity in fabrication of garment per hour will be much increased.

Also, a plurality of discrete carriages for knitting different shapes of fabrics are used thus becoming smaller in the size. Hence, the needle bed of a flat knitting machine (8) on which the carriages travel will be decreased in the overall width because the space for accepting the carriages when they are not in use and off their working ranges is minimized.





EUROPEAN SEARCH REPORT

Application Number

EP 91 30 7163

Category	Citation of document with inc of relevant pass		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
), A,	US-A-5 014 524 (SMILOVIO		1	DO4B1/24
	* column 4, line 33 - co 5 *	olumn 5, line 33; figure		
	GB-A-2 163 185 (UNIVERSA RUDOLF SCHIEBER GMBH & C			
	GB-A-2 180 266 (H, STOLL	GMBH & CO)		
•	L' INDUSTRIE TEXTILE no. 34, May 1988, PARIS pages 233 - 234; 'FACONN	MAGE EN RECTILIGNE'		
				TECHNICAL FIELDS
				SEARCHED (Int. Cl.5)
				50.15
			<u> </u>	
	The present search report has be		L	Rominer
	Place of search	Date of completion of the search 18 MARCH 1992	VAN	GELDER P.A.
X : par Y : par	THE HAGUE CATEGORY OF CITED DOCUMEN ticularly relevant if taken alone ticularly relevant if combined with anot	TS T: theory or princip E: earlier patent do after the filling d ther D: document cited	le underlying the cument, but publi ate in the application	e invention lished on, or
doc A : tarl	ument of the same category nnological background	L : document cited f		
O: nor	ı-written disclosure	&r: member of the s		
P: inte	rmediate document	document		

EPO FORM 1503 03.82 (P0401)