CPC COOPERATIVE PATENT CLASSIFICATION

D TEXTILES; PAPER

TEXTILES OR FLEXIBLE MATERIALS NOT OTHERWISE PROVIDED FOR

D04 BRAIDING; LACE-MAKING; KNITTING; TRIMMINGS; NON-WOVEN FABRICS

D04C BRAIDING OR MANUFACTURE OF LACE, INCLUDING BOBBIN-NET OR CARBONISED LACE; BRAIDING MACHINES; BRAID; LACE (machines for making soles from strips of material A43D 29/00; cane working B27J 1/00)

WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

	scheme.		
1/00	Braid or lace, e.g. pillow-lace; Processes for the	3/48	Auxiliary devices
	manufacture thereof	= 10.0	
1/02	made from particular materials	5/00	Twist or bobbin-net lace-making machines
1/04	Carbonised or like lace	5/02	. Net looms for tulle fabrics
1/06	Braid or lace serving particular purposes	5/04	Net or lace curtain machines
1/08	Tulle fabrics	5/06	. Machines for making twist-lace fabrics
1/10	Pattern tulle fabrics	5/08	Bobbin carriages (bobbins B65H 75/02)
1/12	Cords, lines, or tows	5/10	• Bobbin-carriage guides; Drives for swinging bobbin carriages
3/00	Braiding or lacing machines	5/12	 Drives for advancing bobbin carriages
3/02	 with spool carriers guided by track plates or by 	5/14	Pattern input
	bobbin heads exclusively	5/16	 Warp thread feeding or guiding devices
3/04	 with spool carriers guided and reciprocating in non-endless paths 	5/18	Guide bars; Guiding means therefor; Pattern input by control thereof
3/06	with spool carriers moving always in the same	5/20	Jacks or pickers; Pattern input by control thereof
	direction in endless paths	5/22	Delivery devices
3/08	with means for superimposing threads or braids	5/24	 Driving-gear; Starting or stopping mechanisms
3/10	• • with means for forming edge loops, ears, or eyes	5/26	Auxiliary devices
3/12	• • with means for introducing core threads	7/00	T I
3/14	Spool carriers	7/00	Tools or apparatus for braiding or lacing by hand
3/16	• • • for horizontal spools		
3/18	for vertical spools		
3/20	Arrangement of bobbin heads and guides or track plates in the machine		
3/22	• • Guides or track plates (with means for controlling spool carriers <u>D04C 3/24</u>)		
3/24	Devices for controlling spool carriers to obtain patterns, e.g. devices on guides or track plates		
3/26	by stopping bobbin heads		
3/28	by stopping only the spool carrier		
3/30	• • by controlling switches of guides or track plates		
3/32	. Pattern input		
3/34	Beater, or beat-up, mechanisms		
3/36	• Frames		
3/38	Driving-gear; Starting or stopping mechanisms		
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. for making tubular braids by circulating strand

guides for individual threads

. . with thread carriers supported on rolls

supplies around braiding centre at equal distances

• with means for forming sheds by controlling

with means for forming sheds by subsequently diverting various threads using the same guiding

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