

# 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.

<b>1/00</b>	<b>Braid or lace, e.g. pillow-lace; Processes for the manufacture thereof</b>	<b>3/48</b>	• Auxiliary devices
1/02	• made from particular materials	<b>5/00</b>	<b>Twist or bobbin-net lace-making machines</b>
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 ( <a href="#">bobbins B65H 75/02</a> )
1/12	• • Cords, lines, or tows	5/10	• Bobbin-carriage guides; Drives for swinging bobbin carriages
<b>3/00</b>	<b>Braiding or lacing machines</b>	5/12	• Drives for advancing bobbin carriages
3/02	• with spool carriers guided by track plates or by bobbin heads exclusively	5/14	• • Pattern input
3/04	• • with spool carriers guided and reciprocating in non-endless paths	5/16	• Warp thread feeding or guiding devices
3/06	• • with spool carriers moving always in the same direction in endless paths	5/18	• • Guide bars; Guiding means therefor; Pattern input by control thereof
3/08	• • with means for superimposing threads or braids	5/20	• • Jacks or pickers; Pattern input by control thereof
3/10	• • with means for forming edge loops, ears, or eyes	5/22	• Delivery devices
3/12	• • with means for introducing core threads	5/24	• Driving-gear; Starting or stopping mechanisms
3/14	• • Spool carriers	5/26	• Auxiliary devices
3/16	• • • for horizontal spools	<b>7/00</b>	<b>Tools or apparatus for braiding or lacing by hand</b>
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 ( <a href="#">with means for controlling spool carriers D04C 3/24</a> )		
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		
3/40	• for making tubular braids by circulating strand supplies around braiding centre at equal distances		
3/42	• • with means for forming sheds by controlling guides for individual threads		
3/44	• • with means for forming sheds by subsequently diverting various threads using the same guiding means		
3/46	• • with thread carriers supported on rolls		