

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.

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| 1/00 | Braid or lace, e.g. pillow-lace; Processes for the manufacture thereof | 3/48 | . Auxiliary devices |
| 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 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 | 7/00 | Tools or apparatus for braiding or lacing by hand |
| 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 D04C 3/24) | | |
| 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 | | |