

**CPC****COOPERATIVE PATENT CLASSIFICATION****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](#))**Guidance heading:****D04C 1/00****Braid or lace, e.g. pillow-lace; Processes for the manufacture thereof**[D04C 1/02](#)

- . made from particular materials

[D04C 1/04](#)

- .. Carbonised or like lace

[D04C 1/06](#)

- . Braid or lace serving particular purposes

[D04C 1/08](#)

- .. Tulle fabrics

[D04C 1/10](#)

- ... Pattern tulle fabrics

[D04C 1/12](#)

- .. Cords, lines, or tows

**D04C 3/00****Braiding or lacing machines**[D04C 3/02](#)

- . with spool carriers guided by track plates or by bobbin heads exclusively

[D04C 3/04](#)

- .. with spool carriers guided and reciprocating in non-endless paths

[D04C 3/06](#)

- .. with spool carriers moving always in the same direction in endless paths

[D04C 3/08](#)

- .. with means for superimposing threads or braids

[D04C 3/10](#)

- .. with means for forming edge loops, ears, or eyes

[D04C 3/12](#)

- .. with means for introducing core threads

[D04C 3/14](#)

- .. Spool carriers

[D04C 3/16](#)

- ... for horizontal spools

[D04C 3/18](#)

- ... for vertical spools

[D04C 3/20](#)

- .. Arrangement of bobbin heads and guides or track plates in the machine

[D04C 3/22](#)

- .. Guide or track plates ([with means for controlling spool carriers D04C 3/24](#))

[D04C 3/24](#)

- .. Devices for controlling spool carriers to obtain patterns, e.g. devices on guide or track plates

[D04C 3/26](#)

- ... by stopping bobbin heads

[D04C 3/28](#)

- ... by stopping only the spool carrier

[D04C 3/30](#)

- ... by controlling switches of guide or track plates

[D04C 3/32](#)

- .. Pattern input

[D04C 3/34](#)

- .. Beater, or beat-up, mechanisms

[D04C 3/36](#)

- .. Frames

[D04C 3/38](#)

- .. Driving-gear; Starting or stopping mechanisms

[D04C 3/40](#)

- . for making tubular braids by circulating strand supplies around braiding centre at equal distances

- D04C 3/42 . . with means for forming sheds by controlling guides for individual threads
- D04C 3/44 . . with means for forming sheds by subsequently diverting various threads using the same guiding means
- D04C 3/46 . . with thread carriers supported on rolls
- D04C 3/48 . Auxiliary devices
- D04C 5/00      Twist or bobbin-net lace-making machines**
- D04C 5/02 . Net looms for tulle fabrics
- D04C 5/04 . Net or lace curtain machines
- D04C 5/06 . Machines for making twist-lace fabrics
- D04C 5/08 . Bobbin carriages ([bobbins B65H 75/02](#))
- D04C 5/10 . Bobbin-carriage guides; Drives for swinging bobbin carriages
- D04C 5/12 . Drives for advancing bobbin carriages
- D04C 5/14 . . Pattern input
- D04C 5/16 . Warp thread feeding or guiding devices
- D04C 5/18 . . Guide bars; Guiding means therefor; Pattern input by control thereof
- D04C 5/20 . . Jacks or pickers; Pattern input by control thereof
- D04C 5/22 . Delivery devices
- D04C 5/24 . Driving-gear; Starting or stopping mechanisms
- D04C 5/26 . Auxiliary devices
- D04C 7/00      Tools or apparatus for braiding or lacing by hand**