

**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](#))

**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**