

ECLA EUROPEAN CLASSIFICATION

D03C SHEDDING MECHANISMS; PATTERN CARDS OR CHAINS; PUNCHING OF CARDS; DESIGNING PATTERNS

[N: **WARNING** [C1208]

The following IPC groups are not used in the internal ECLA classification scheme. Subject-matter covered by these groups is classified in the following ECLA groups:

- [D03C9/04](#) covered by [D03C9/02F2](#)
]

D03C1/00

Dobbies

D03C1/00C

- . [N: Electronic dobbies] [N1112]

[N: **WARNING**

[N1112] Not complete pending the completion of a reclassification, see also group [D03C1/00](#)

]

D03C1/02

- . Single-lift dobbies, i.e. dobbies in which the same draw-knife or equivalent operates for every pick ([D03C1/10](#) takes precedence)

D03C1/04

- . . Open-shed single-lift dobbies

D03C1/06

- . Double-lift dobbies, i.e. dobbies in which separate draw-knives or equivalent operate on alternate picks

D03C1/08

- . . reversible, i.e. correct sheds open automatically when the loom is driven backwards

D03C1/10

- . Centre-shed dobbies, i.e. shed formed by lifting some threads and lowering the others from central shed-closed position

D03C1/12

- . Dobbies employing toothed gearing instead of draw-knives

D03C1/14

- . Features common to dobbies of different types ([stop motions acting on defective operation of shedding mechanisms D03D51/46](#))

D03C1/14B

- . . [N: Leveling mechanisms] [N1110]

[N: **WARNING** [N1110]

Not complete pending the completion of a reclassification, see also group [D03C1/14](#)

]

D03C1/14D

- . . [N: linking to the heald frame] [N1110]

[N: **WARNING** [N1110]

Not complete pending the completion of a reclassification, see also group [D03C1/14](#)

]

D03C1/14F

- . . [N: Independent drive motor] [N1110]

- [N: **WARNING** [N1110]
Not complete pending the completion of a reclassification, see also group [D03C1/14](#)
]
- D03C1/14H . . [N: Eccentrics] [N1112]
- [N: **WARNING**
[N1112]Not complete pending the completion of a reclassification, see also groups [D03C1/00](#) and [D03C1/14](#)
]
- D03C1/16 . . Arrangements of dobby in relation to loom
- D03C1/18 . . Knives; Knife frames
- D03C1/20 . . Hooks; Lifters
- D03C1/22 . . Needles; Needle boxes; Needle boards
- D03C1/24 . . Cylinders; Cylinder battens
- D03C1/26 . . Facilitating engagement of lifting-hooks with draw-knives
- D03C1/28 . . . by creating and then eliminating back-lash between hooks and knives
- D03C1/30 . . . wherein all the hooks are disengaged from the knives, and selected hooks then re-engaged
- D03C1/32 . . . wherein all the hooks are engaged with the knives, and unselected hooks then disengaged
- D03C1/34 . . Arrangements wherein warp threads pass one another at different heights to avoid congestion
- D03C1/36 . . Card- or chain-saving arrangements, e.g. cross-border dobbies
- D03C3/00** **Jacquards** (controlling jacquard by scanning design [D03C17/06](#); for gripper Axminster looms [D03D39/08](#))
- D03C3/02 . Single-lift jacquards
- D03C3/04 . . of open-shed type
- D03C3/06 . Double-lift jacquards
- D03C3/08 . . of open-shed type
- D03C3/10 . Centre-shed jacquards
- D03C3/12 . Multiple-shed jacquards, i.e. jacquards which move warp threads to several different heights, e.g. for weaving pile fabrics
- D03C3/14 . Jacquards not employing lifting-hooks, e.g. employing knotted cords in conjunction with keyhole slots
- D03C3/16 . Verdol or other jacquards having intermediate power-operated needles between reading needles and lifting-hooks
- D03C3/18 . Selvedge jacquards
- D03C3/20 . Electrically-operated jacquards

- D03C3/20B . . [N: Independently actuated lifting cords] [N1110]
 - [N: **WARNING** [N1110]
 - Not complete pending the completion of a reclassification, see also group [D03C3/20](#)
 -]
- D03C3/22 . Fluid-operated jacquards
- D03C3/24 . Features common to jacquards of different types
- D03C3/26 . . General arrangements of jacquards, or disposition in relation to loom
- D03C3/28 . . Pick-finding arrangements; Arrangements for preventing next shed from being opened during stopping of loom
- D03C3/30 . . Arrangement wherein hooks are positively operated to close shed
- D03C3/32 . . Jacquard driving mechanisms
- D03C3/34 . . . Cylinder operating mechanisms
- D03C3/36 . . . Griffe operating mechanisms
- D03C3/38 . . Comber boards
- D03C3/40 . . Constructions of lifting-cords
- D03C3/42 . . Arrangements of lifting-cords
- D03C3/44 . . Lingoies
- D03C5/00** **Cam or other direct-acting shedding mechanisms, i.e. operating heald frames without intervening power-supplying devices**
- D03C5/00B . [N: Leveling mechanisms] [N1110]
 - [N: **WARNING** [N1110]
 - Not complete pending the completion of a reclassification, see also groups [D03C5/00](#) and [D03C5/02](#)
 -]
- D03C5/02 . operated by rotating cams
- D03C5/04 . . Construction or shape of cams (cams in general [F16H53/00](#))
- D03C5/06 . operated by cam devices other than rotating cams
- D03C7/00** **Leno or similar shedding mechanisms**
- D03C7/00A . [N: Combined leno and patterned shedding motion] [N1110]
 - [N: **WARNING** [N1110]
 - Not complete, classification to this group is a continuous process
 -]
- D03C7/02 . Gauze healds
- D03C7/04 . Mechanisms having discs oscillating about a weftwise axis and having apertures for warp threads

- D03C7/06 . Mechanisms having eyed needles for moving warp threads from side to side of other warp threads
- D03C7/08 . Devices for twisting warp threads repeatedly in the same direction
- D03C9/00** **Healds; Heald frames (for leno shedding [D03C7/00](#))**
- D03C9/02 . Healds
- D03C9/02B . . [N: anti-buckling] [N1110]
 - [N: **WARNING** [N1110]
 - Not complete pending the completion of a reclassification, see also group [D03C9/02](#)
 -]
- D03C9/02D . . [N: Eyelets] [N1110]
 - [N: **WARNING** [N1110]
 - Not complete pending the completion of a reclassification, see also group [D03C9/02](#)
 -]
- D03C9/02F . . [N: Material used] [N1110]
 - [N: **WARNING** [N1110]
 - Not complete pending the completion of a reclassification, see also group [D03C1/14](#)
 -]
- D03C9/02F2 . . . [N: Metal] [N1110]
- D03C9/06 . Heald frames [C0608]
- D03C9/06B . . [N: Construction of frame parts] [N0607]
- D03C9/06B2 . . . [N: Horizontal upper or lower rods] [N0607]
- D03C9/06B2B [N: Composition or used material] [N0607]
- D03C9/06B2C [N: Heald bars or their connection to other frame parts] [N0607] [C0608]
- D03C9/06B2D [N: Distance guides for keeping distance to the next frame] [N0607]
- D03C9/06B4 . . . [N: Side stays] [N0607]
- D03C9/06B6 . . . [N: Intermediate supports or their connection to other frame parts] [N0607] [C0608]
- D03C9/06C . . [N: Connection of frame parts (D03C9/06B2C and D03C9/06B6 take precedence)] [N0607] [C0608]
- D03C9/06C2 . . . [N: Corner connections between horizontal rods and side stays] [N0607]
- D03C9/06D . . [N: Arrangements or means for the linking to the drive system] [N0607]
- D03C9/06E . . [N: Arrangements of means for damping or noise reduction] [N0607]
- D03C11/00** **Selvage shedding mechanisms not forming part of main shedding mechanism (selvage jacquards [D03C3/18](#); leno selvage mechanism [D03C7/00](#))**
- D03C13/00** **Shedding mechanisms not otherwise provided for**

- D03C13/02 . [N: with independent drive motors ([D03C1/14F](#) and [D03C3/20B](#) take precedence)]
[N1110]
- [N: **WARNING** [N1110]
Not complete pending the completion of a reclassification, see also groups [D03C5/00](#)
and [D03C13/00](#)
]
- D03C13/02B . . [N: with independent frame drives] [N1110]
- [N: **WARNING** [N1110]
Not complete pending the completion of a reclassification, see also groups
[D03C5/00](#) and [D03C13/00](#)
]
- D03C15/00** **Pattern cards or chains**
- D03C15/02 . Chains of metal, wood, or similar material with projecting pattern-indicating elements
- D03C15/04 . Cards or paper perforated to indicate pattern
- D03C15/06 . Apparatus for setting pegs in, or removing pegs from, pattern cards
- D03C15/08 . Apparatus for interconnecting, e.g. by lacing, or disconnecting pattern cards
- D03C17/00** **Card-punching apparatus** ([marking record carriers in digital fashion G06K](#))
- D03C17/02 . manually-controlled, i.e. holes to be punched determined by the operator
- D03C17/04 . . power-operated
- D03C17/06 . automatic, i.e. design scanned optically or otherwise to control punching apparatus or
to control loom jacquard directly
- D03C19/00** **Miscellaneous methods or devices concerned with designing or making patterns**
- D03C19/00B . [N: Electronic] [N1110]