

CPC COOPERATIVE PATENT CLASSIFICATION**D TEXTILES; PAPER****TEXTILES OR FLEXIBLE MATERIALS NOT OTHERWISE PROVIDED FOR****D03 WEAVING****D03C SHEDDING MECHANISMS; PATTERN CARDS OR CHAINS; PUNCHING OF CARDS; DESIGNING PATTERNS****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 | Dobbies | |
| 1/005 | . {Electronic dobbies} | 3/06 . Double-lift jacquards |
| 1/02 | . Single-lift dobbies, i.e. dobbies in which the same draw-knife or equivalent operates for every pick (D03C 1/10 takes precedence) | 3/08 . . of open-shed type |
| 1/04 | . . Open-shed single-lift dobbies | 3/10 . Centre-shed jacquards |
| 1/06 | . Double-lift dobbies, i.e. dobbies in which separate draw-knives or equivalent operate on alternate picks | 3/12 . Multiple-shed jacquards, i.e. jacquards which move warp threads to several different heights, e.g. for weaving pile fabrics |
| 1/08 | . . reversible, i.e. correct sheds open automatically when the loom is driven backwards | 3/14 . Jacquards not employing lifting-hooks, e.g. employing knotted cords in conjunction with keyhole slots |
| 1/10 | . Centre-shed dobbies, i.e. shed formed by lifting some threads and lowering the others from central shed-closed position | 3/16 . Verdol or other jacquards having intermediate power-operated needles between reading needles and lifting-hooks |
| 1/12 | . Dobbies employing toothed gearing instead of draw-knives | 3/18 . Selvedge jacquards |
| 1/14 | . Features common to dobbies of different types (stop motions acting on defective operation of shedding mechanisms D03D 51/46) | 3/20 . Electrically-operated jacquards |
| 1/142 | . . {Leveling mechanisms} | 3/205 . . {Independently actuated lifting cords} |
| 1/144 | . . {linking to the heald frame} | 3/22 . Fluid-operated jacquards |
| 1/146 | . . {Independent drive motor} | 3/24 . Features common to jacquards of different types |
| 1/148 | . . {Eccentrics} | 3/26 . . General arrangements of jacquards, or disposition in relation to loom |
| 1/16 | . . Arrangements of dobby in relation to loom | 3/28 . . Pick-finding arrangements; Arrangements for preventing next shed from being opened during stopping of loom |
| 1/18 | . . Knives; Knife frames | 3/30 . . Arrangements wherein hooks are positively operated to close shed |
| 1/20 | . . Hooks; Lifters | 3/32 . . Jacquard driving mechanisms |
| 1/22 | . . Needles; Needle boxes; Needle boards | 3/34 . . . Cylinder operating mechanisms |
| 1/24 | . . Cylinders; Cylinder battens | 3/36 . . . Griffe operating mechanisms |
| 1/26 | . . Facilitating engagement of lifting-hooks with draw-knives | 3/38 . . Comber boards |
| 1/28 | . . . by creating and then eliminating back-lash between hooks and knives | 3/40 . . Constructions of lifting-cords |
| 1/30 | . . . wherein all the hooks are disengaged from the knives, and selected hooks then re-engaged | 3/42 . . Arrangements of lifting-cords |
| 1/32 | . . . wherein all the hooks are engaged with the knives, and unselected hooks then disengaged | 3/44 . . Lingoes |
| 1/34 | . . Arrangements wherein warp threads pass one another at different heights to avoid congestion | 5/00 Cam or other direct-acting shedding mechanisms, i.e. operating heald frames without intervening power-supplying devices |
| 1/36 | . . Card- or chain-saving arrangements, e.g. cross-border dobbies | 5/005 . {Leveling mechanisms} |
| 3/00 | Jacquards (controlling jacquard by scanning design D03C 17/06; for gripper Axminster looms D03D 39/08) | 5/02 . operated by rotating cams |
| 3/02 | . Single-lift jacquards | 5/04 . . Construction or shape of cams (cams in general F16H 53/00) |
| 3/04 | . . of open-shed type | 5/06 . operated by cam devices other than rotating cams |
| | | 7/00 Leno or similar shedding mechanisms |
| | | 7/005 . . {Combined leno and patterned shedding motion} |
| | | 7/02 . . Gauze healds |

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| 7/04 | • Mechanisms having discs oscillating about a weftwise axis and having apertures for warp threads | 2700/00 Shedding mechanisms |
| 7/06 | • Mechanisms having eyed needles for moving warp threads from side to side of other warp threads | 2700/01 • Shedding mechanisms using heald frames |
| 7/08 | • Devices for twisting warp threads repeatedly in the same direction | 2700/0105 . . Cam-driven heald frame movement |
| 9/00 | Healds; Heald frames (for leno shedding D03C 7/00) | 2700/0111 . . . Devices for levelling the heald frames; Coupling and uncoupling the drive for the heald frames; Devices for holding the shed open |
| 9/02 | • Healds | 2700/0116 . . . Arrangements in which warp threads pass one another at different heights |
| 9/022 | . . {anti-buckling} | 2700/0122 . . . Devices for adjusting the geometric and time parameters of shed opening |
| 9/024 | . . {Eyelets} | 2700/0127 . . Programme-controlled heald frame movement |
| 9/026 | . . {Material used} | 2700/0133 . . . with mechanical transmission |
| 9/04 | . . Metal healds | 2700/0138 using hooks or lifters |
| 9/06 | . . Heald frames | 2700/0144 Single-lift mechanisms |
| 9/0608 | . . {Construction of frame parts} | 2700/015 of closed-shed type |
| 9/0616 | . . . {Horizontal upper or lower rods} | 2700/0155 Double-lift mechanisms |
| 9/0625 | {Composition or used material} | 2700/0161 of negatively-driven type |
| 9/0633 | {Heald bars or their connection to other frame parts} | 2700/0166 of positively-driven type |
| 9/0641 | {Distance guides for keeping distance to the next frame} | 2700/0172 Constructional details |
| 9/065 | . . . {Side stays} | 2700/0177 . . . Devices for levelling the heald frames; Coupling and uncoupling the drive for the heald frames; Devices for holding the shed open |
| 9/0658 | . . . {Intermediate supports or their connection to other frame parts} | 2700/0183 . . . Devices for adjusting the geometric and time parameters of shed opening |
| 9/0666 | . . {Connection of frame parts (D03C 9/0633 and D03C 9/0658 take precedence)} | 2700/0188 . . Heald frame return devices |
| 9/0675 | . . . {Corner connections between horizontal rods and side stays} | 2700/0194 . . Frame-operating devices for ribbon looms |
| 9/0683 | . . {Arrangements or means for the linking to the drive system} | 2700/14 . . Heald frame lifting devices |
| 9/0691 | . . {Arrangements of means for damping or noise reduction} | |
| 11/00 | Selvedge shedding mechanisms not forming part of main shedding mechanism (selvedge jacquards D03C 3/18; leno selvedge mechanism D03C 7/00) | |
| 13/00 | Shedding mechanisms not otherwise provided for | |
| 13/02 | . {with independent drive motors (D03C 1/146 and D03C 3/205 take precedence)} | |
| 13/025 | . . {with independent frame drives} | |
| 15/00 | Pattern cards or chains | |
| 15/02 | • Chains of metal, wood, or similar material with projecting pattern-indicating elements | |
| 15/04 | • Cards or paper perforated to indicate pattern | |
| 15/06 | • Apparatus for setting pegs in, or removing pegs from, pattern cards | |
| 15/08 | • Apparatus for interconnecting, e.g. by lacing, or disconnecting pattern cards | |
| 17/00 | Card-punching apparatus (marking record carriers in digital fashion G06K) | |
| 17/02 | • manually-controlled, i.e. holes to be punched determined by the operator | |
| 17/04 | . . power-operated | |
| 17/06 | • automatic, i.e. design scanned optically or otherwise to control punching apparatus or to control loom jacquard directly | |
| 19/00 | Methods or devices concerned with designing or making patterns, not provided for in other groups of this subclass | |
| 19/005 | . {Electronic} | |