

CPC COOPERATIVE PATENT CLASSIFICATION

D TEXTILES; PAPER

TEXTILES OR FLEXIBLE MATERIALS NOT OTHERWISE PROVIDED FOR

D03 WEAVING

D03J AUXILIARY WEAVING APPARATUS; WEAVERS' TOOLS; SHUTTLES

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|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------|
| 1/00 | Auxiliary apparatus combined with or associated with looms | 5/16 | . . Bobbin clamps, e.g. for automatic bobbin-changing loom shuttles |
| 1/001 | . {Cloth or warp beam replacement} | 5/18 | . . for coreless cops, i.e. shuttles having no peg or bobbin clamp |
| 1/002 | . {Climatic conditioning or removing lint or dust} | 5/20 | . Devices in shuttles for threading (separate tools for threading shuttles D03J 3/04) |
| 1/003 | . {Devices for lubricating machine parts} | 5/22 | . . for self-threading, i.e. threading automatically when shuttle is picked |
| 1/004 | . {Detection and repair of broken warp yarns} | 5/24 | . Tension devices |
| 1/005 | . {Displays or displaying data} | | |
| 1/006 | . {Controlling a group of looms} | | |
| 1/007 | . {Fabric inspection on the loom and associated loom control} | | |
| 1/008 | . {Cooling systems} | 2700/00 | Auxiliary apparatus associated with looms; Weaving combined with other operations; Shuttles |
| 1/02 | . for treating warp, e.g. cleaning, moistening | 2700/02 | . Treatment of the weaving material on the loom, e.g. sizing, humidifying, cleaning |
| 1/04 | . for treating weft | 2700/04 | . Efficiency control of looms |
| 1/06 | . for treating fabric (cutting pile on the loom D03D 39/24) | 2700/06 | . Auxiliary devices for inspecting, counting or measuring |
| 1/08 | . . for slitting fabric | 2700/10 | . Shuttles |
| 1/10 | . for indicating pattern to weaver | 2700/12 | . . for automatic bobbin changing |
| 1/12 | . transferring bobbins between loom and winding station (bobbin-winding machines B65H) | 2700/14 | . . Gripper shuttles |
| 1/13 | . for leasing warp (leasing in general D02H 9/00) | 2700/16 | . . . with warp or weft stop motion |
| 1/14 | . Apparatus for threading warp stop-motion droppers, healds, or reeds | | |
| 1/16 | . Apparatus for joining warp ends (knot-tying tools D03J 3/00) | | |
| 1/18 | . . for joining, e.g. tying, a complete series of fresh warp threads to the used warp threads | | |
| 1/20 | . Measuring length of fabric or number of picks woven | | |
| 1/22 | . Temples | | |
| 1/223 | . . {acting on the full width of cloth} | | |
| 1/226 | . . {provided with a thread cutter} | | |
| 1/24 | . Mirrors or other arrangements for inspecting loom parts | | |
| 3/00 | Weavers' tools, e.g. knot-tying tools | | |
| 3/02 | . Reed and heald hooks | | |
| 3/04 | . Shuttle-threading tools (threading devices in shuttles D03J 5/20) | | |
| 5/00 | Shuttles (swivel shuttles D03D 31/00 ; shuttles for smallware looms D03D 35/00 ; circular loom shuttles D03D 37/00 ; selvedge shuttles D03D 47/46) | | |
| 5/02 | . Construction of shuttle body | | |
| 5/04 | . . Shuttle tips | | |
| 5/06 | . Dummy shuttles; Gripper shuttles | | |
| 5/065 | . . {for travelling-wave-shed looms} | | |
| 5/08 | . Supports for pirns, bobbins, or cops | | |
| 5/10 | . . Pegs or spindles | | |
| 5/12 | . . . removable | | |
| 5/14 | . . . pivoted | | |