

**CPC COOPERATIVE PATENT CLASSIFICATION****D TEXTILES; PAPER****TEXTILES OR FLEXIBLE MATERIALS NOT OTHERWISE PROVIDED FOR****D03 WEAVING****D03J AUXILIARY WEAVING APPARATUS; WEAVERS' TOOLS; SHUTTLES****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.

**1/00 Auxiliary apparatus combined with or associated with looms**

- 1/001 . {Cloth or warp beam replacement}
- 1/002 . {Climatic conditioning or removing lint or dust}
- 1/003 . {Devices for lubricating machine parts}
- 1/004 . {Detection and repair of broken warp yarns}
- 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}
- 1/02 . for treating warp, e.g. cleaning, moistening
- 1/04 . for treating weft
- 1/06 . for treating fabric ([cutting pile on the loom D03D 39/24](#))
- 1/08 . . for slitting fabric
- 1/10 . for indicating pattern to weaver
- 1/12 . transferring bobbins between loom and winding station ([bobbin-winding machines B65H](#))
- 1/13 . for leasing warp ([leasing in general D02H 9/00](#))
- 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
- 5/16 . . Bobbin clamps, e.g. for automatic bobbin-changing loom shuttles
- 5/18 . . for coreless cops, i.e. shuttles having no peg or bobbin clamp
- 5/20 . Devices in shuttles for threading ([separate tools for threading shuttles D03J 3/04](#))
- 5/22 . . for self-threading, i.e. threading automatically when shuttle is picked
- 5/24 . Tension devices

**2700/00 Auxiliary apparatus associated with looms; Weaving combined with other operations; Shuttles**

- 2700/02 . Treatment of the weaving material on the loom, e.g. sizing, humidifying, cleaning
- 2700/04 . Efficiency control of looms
- 2700/06 . Auxiliary devices for inspecting, counting or measuring
- 2700/10 . Shuttles
- 2700/12 . . for automatic bobbin changing
- 2700/14 . . Gripper shuttles
- 2700/16 . . . with warp or weft stop motion