

CPC**COOPERATIVE PATENT CLASSIFICATION****D03J****AUXILIARY WEAVING APPARATUS; WEAVERS` TOOLS; SHUTTLES****D03J 1/00****Auxiliary apparatus combined with or associated with looms**

D03J 1/001

- . {Cloth or warp beam replacement}

D03J 1/002

- . {Climatic conditioning or removing lint or dust}

D03J 1/003

- . {Devices for lubricating machine parts}

D03J 1/004

- . {Detection and repair of broken warp yarns}

D03J 1/005

- . { Displays or displaying data}

D03J 1/006

- . { Controlling a group of looms}

D03J 1/007

- . { Fabric inspection on the loom and associated loom control}

D03J 1/008

- . { Cooling systems}

WARNING

Not complete pending the completion of a reclassification; see also group [D03J 1/00](#)

D03J 1/02

- . for treating warp, e.g. cleaning, moistening

D03J 1/04

- . for treating weft

D03J 1/06

- . for treating fabric (cutting pile on the loom [D03D 39/24](#))

D03J 1/08

- .. for slitting fabric

D03J 1/10

- . for indicating pattern to weaver

D03J 1/12

- . transferring bobbins between loom and winding station ([bobbin-winding machines B65H](#))

D03J 1/13

- . for leasing warp ([leasing in general D02H 9/00](#))

D03J 1/14

- . Apparatus for threading warp stop-motion droppers, healds, or reeds

D03J 1/16

- . Apparatus for joining warp ends ([knot-tying tools D03J 3/00](#))

D03J 1/18

- .. for joining, e.g. tying, a complete series of fresh warp threads to the used warp threads

- D03J 1/20 . Measuring length of fabric or number of picks woven
- D03J 1/22 . Temples
- D03J 1/223 .. {acting on the full width of cloth}
- D03J 1/226 .. {provided with a thread cutter}
- D03J 1/24 . Mirrors or other arrangements for inspecting loom parts
- D03J 3/00 Weavers` tools, e.g. knot-tying tools**
- D03J 3/02 . Reed and heald hooks
- D03J 3/04 . Shuttle-threading tools ([threading devices in shuttles D03J 5/20](#))
- D03J 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](#))
- D03J 5/02 . Construction of shuttle body
- D03J 5/04 .. Shuttle tips
- D03J 5/06 . Dummy shuttles; Gripper shuttles
- D03J 5/065 .. {for travelling-wave-shed looms}
- D03J 5/08 . Supports for pirns, bobbins, or cops
- D03J 5/10 .. Pegs or spindles
- D03J 5/12 ... removable
- D03J 5/14 ... pivoted
- D03J 5/16 .. Bobbin clamps, e.g. for automatic bobbin-changing loom shuttles
- D03J 5/18 .. for coreless cops, i.e. shuttles having no peg or bobbin clamp
- D03J 5/20 . Devices in shuttles for threading ([separate tools for threading shuttles D03J 3/04](#))
- D03J 5/22 .. for self-threading, i.e. threading automatically when shuttle is picked
- D03J 5/24 . Tension devices
- D03J 2700/00 Auxiliary apparatus associated with looms; Weaving combined with other operations; Shuttles**
- D03J 2700/02 . Treatment of the weaving material on the loom, e.g. sizing, humidifying, cleaning
- D03J 2700/04 . Efficiency control of looms
- D03J 2700/06 . Auxiliary devices for inspecting, counting or measuring

- D03J 2700/10 . Shuttles
- D03J 2700/12 .. for automatic bobbin changing
- D03J 2700/14 .. Gripper shuttles
- D03J 2700/16 ... with warp or weft stop motion