

**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   |
| <b>D03J 3/00</b>    | <b>Weavers` tools, e.g. knot-tying tools</b>  |
| D03J 3/02           | . Reed and heald hooks  |
| D03J 3/04           | . Shuttle-threading tools ( <a href="#">threading devices in shuttles D03J 5/20</a> )   |
| <b>D03J 5/00</b>    | <b>Shuttles</b> ( <a href="#">swivel shuttles D03D 31/00</a> ; <a href="#">shuttles for smallware looms D03D 35/00</a> ; <a href="#">circular loom shuttles D03D 37/00</a> ; <a href="#">selvedge shuttles D03D 47/46</a> ) |
| 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 ( <a href="#">separate tools for threading shuttles D03J 3/04</a> )   |
| D03J 5/22           | . . for self-threading, i.e. threading automatically when shuttle is picked   |
| D03J 5/24           | . Tension devices   |
| <b>D03J 2700/00</b> | <b>Auxiliary apparatus associated with looms; Weaving combined with other operations; Shuttles</b>  |
| 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   |