

CPC COOPERATIVE PATENT CLASSIFICATION

D03J AUXILIARY WEAVING APPARATUS; WEAVERS' TOOLS; SHUTTLES

1/00	Auxiliary apparatus combined with or associated with looms	5/24	. Tension devices
1/001	. {Cloth or warp beam replacement}	2700/00	Auxiliary apparatus associated with looms; Weaving combined with other operations; Shuttles
1/002	. {Climatic conditioning or removing lint or dust}		
1/003	. {Devices for lubricating machine parts}	2700/02	. Treatment of the weaving material on the loom, e.g. sizing, humidifying, cleaning
1/004	. {Detection and repair of broken warp yarns}	2700/04	. Efficiency control of looms
1/005	. {Displays or displaying data}	2700/06	. Auxiliary devices for inspecting, counting or measuring
1/006	. {Controlling a group of looms}		
1/007	. {Fabric inspection on the loom and associated loom control}	2700/10	. Shuttles
1/008	. {Cooling systems}	2700/12	. . for automatic bobbin changing
1/02	. for treating warp, e.g. cleaning, moistening	2700/14	. . Gripper shuttles
1/04	. for treating weft	2700/16	. . . with warp or weft stop motion
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		