

**CPC****COOPERATIVE PATENT CLASSIFICATION****B27F**

**DOVETAILED WORK; TENONS; SLOTTING MACHINES; NAILING OR STAPLING MACHINES** (hand- held nailing or stapling tools [B25C](#) ; manufacture of cases, boxes, or trunks from wood [B27M 3/34](#); jointing elements [F16B](#) ) {manufacture of long strips or planks by bonding together pieces of wood, e.g. by glueing, [B27M 3/00B](#) }

**NOTE**

This subclass covers also the assembling of the elements to be jointed, e.g. using adhesives, but the application of adhesives or glue to surfaces of wood to be jointed per se is dealt with in group [B27G 11/00](#) {manufacture of specific semi-finished or finished articles [B27M 3/00](#) }

**Guidance heading:**

**B27F 1/00**      **Dovetailed work; Tenons; Making tongues or grooves** (slotting [B27F 5/00](#)) ; **Groove-and- tongue jointed work; Finger- joints** (machines or devices for working mitred joints [B27G 5/00](#); cutting tools for cutting grooves or tenons [B27G 13/14](#))

B27F 1/005      . {Machines or devices for working mitre joints with uneven ends }

B27F 1/02      . Making tongues or grooves, of indefinite length

B27F 1/04      .. along only one edge of a board

B27F 1/06      .. simultaneously along opposite edges of a board

B27F 1/08      . Making dovetails, tongues, or tenons, of definite limited length

B27F 1/10      .. Cutting tenons of round or rounded- off profile

B27F 1/12      .. Corner- locking mechanisms, i.e. machines for cutting crenellated joints

B27F 1/14      ... Arrangements of gauging means specially designed for corner-locking machines (measuring instruments [G01](#) )

B27F 1/16      . Making finger joints, i.e. joints having tapers in the opposite direction to those of dovetail joints ([B27F 1/08](#) takes precedence)

**B27F 4/00**      **Machines for inserting dowels, with or without drilling equipment** (manufacture of wooden dowels [B27M 3/28](#)) { dowels [F16B](#) ; for use in building constructions [E04B 1/38](#); drills for making holes for dowels }

**B27F 5/00**      **Slotted or mortised work** (hand mortising chisels [B25D 3/080](#))

B27F 5/02      . Slotting or mortising machines {tools therefor }

B27F 5/023      .. {Portable plate joiners }

B27F 5/026      .. {Slotting a workpiece before introducing into said slot a guide which belongs to a following working device, and which is parallel to the feed movement of this working device }

- B27F 5/04 . . equipped with both chain cutters and chisel cutters
- B27F 5/06 . . equipped with chain cutters {chain saws in general [B27B 17/00](#) }
- B27F 5/08 . . . Chain cutters {Saw chains in general [B27B 33/14](#) }
- B27F 5/10 . . equipped with chisel cutters {e.g. hollow chisel cutters equipped with drills }
- B27F 5/12 . . for making holes designed for taking up fittings, e.g. in frames of doors, windows, furniture {devices for fixing fittings into holes [B27M 3/0006](#) }

## **B27F 7/00      Nailing or stapling; Nailed or stapled work**

- B27F 7/003 . {Nailing or stapling machines provided with assembling means }
- B27F 7/006 . {Nailing or stapling machines provided with means for operating on discrete points }
- B27F 7/02 . Nailing machines (hand-held nailing tools [B25C 1/00](#))
- B27F 7/025 . . {for inserting joint-nails }
- B27F 7/04 . . Equipment for bending nails driven through
- B27F 7/05 . . Driving means
- B27F 7/07 . . . operated by manual power
- B27F 7/09 . . . operated by fluid pressure
- B27F 7/11 . . . operated by electric power
- B27F 7/13 . . . Nail feeding devices
- B27F 7/15 . Machines for driving in nail- plates {and spiked fittings }
- B27F 7/155 . . {for nail plates }
- B27F 7/17 . Stapling machines (manually operated portable stapling tools, hand- held power-operated stapling tools [B25C 5/00](#))
- B27F 7/19 . . with provision for bending the ends of the staples on to the work
- B27F 7/21 . . . with means for forming the staples in the machine
- B27F 7/23 . . . . with rotary drive
- B27F 7/26 . . without provision for bending the ends of the staples on to the work
- B27F 7/28 . . . with means for forming the staples in the machine
- B27F 7/30 . . Driving means
- B27F 7/32 . . . operated by manual power
- B27F 7/34 . . . operated by fluid pressure
- B27F 7/36 . . . operated by electric power
- B27F 7/38 . . Staple feeding devices