

# CPC COOPERATIVE PATENT CLASSIFICATION

## B PERFORMING OPERATIONS; TRANSPORTING (NOTES omitted)

### SHAPING

#### B27 WORKING OR PRESERVING WOOD OR SIMILAR MATERIAL; NAILING OR STAPLING MACHINES IN GENERAL

#### B27F DOVETAILED WORK; TENONS; SLOTTING MACHINES FOR WOOD OR SIMILAR MATERIAL; NAILING OR STAPLING MACHINES (hand-held nailing or stapling tools [B25C](#); manufacture of cases, trunks or boxes from wood [B27M 3/34](#); connections for building structures in general, e.g. dowels for use in building constructions [E04B 1/38](#); jointing elements in general, e.g. dowels in general, [F16B](#) {; manufacture of long strips or planks by bonding together pieces of wood, e.g. by glueing, [B27M 3/0013](#)})

##### 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](#)}

##### 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.

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|-------|---|-------|---|
| 1/00  | <b>Dovetailed work; Tenons; Making tongues or grooves</b> ( <a href="#">slotting B27F 5/00</a> ); <b>Groove- and- tongue jointed work; Finger- joints</b> (machines or devices for working mitred joints <a href="#">B27G 5/00</a> ; cutting tools for cutting grooves or tenons <a href="#">B27G 13/14</a> ) | 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} |
| 1/005 | . {Machines or devices for working mitre joints with uneven ends}   | 5/04  | . . equipped with both chain cutters and chisel cutters   |
| 1/02  | . Making tongues or grooves, of indefinite length   | 5/06  | . . equipped with chain cutters {(chain saws in general <a href="#">B27B 17/00</a> )}   |
| 1/04  | . . along only one edge of a board  | 5/08  | . . . Chain cutters {(saw chains in general <a href="#">B27B 33/14</a> )}   |
| 1/06  | . . simultaneously along opposite edges of a board  | 5/10  | . . equipped with chisel cutters {, e.g. hollow chisel cutters equipped with drills}  |
| 1/08  | . Making dovetails, tongues, or tenons, of definite limited length  | 5/12  | . . for making holes designed for taking up fittings, e.g. in frames of doors, windows, furniture {(devices for fixing fittings into holes <a href="#">B27M 3/0006</a> )}           |
| 1/10  | . . Cutting tenons of round or rounded- off profile   | 7/00  | <b>Nailing or stapling; Nailed or stapled work</b>  |
| 1/12  | . . Corner- locking mechanisms, i.e. machines for cutting crenellated joints  | 7/003 | . {Nailing or stapling machines provided with assembling means}   |
| 1/14  | . . . Arrangements of gauging means specially designed for corner-locking machines (measuring instruments <a href="#">G01</a> )   | 7/006 | . {Nailing or stapling machines provided with means for operating on discrete points}   |
| 1/16  | . Making finger joints, i.e. joints having tapers in the opposite direction to those of dovetail joints ( <a href="#">B27F 1/08</a> takes precedence)   | 7/02  | . Nailing machines (hand-held nailing tools <a href="#">B25C 1/00</a> )   |
| 4/00  | <b>Machines for inserting dowels, with or without drilling equipment</b> (manufacture of wooden dowels <a href="#">B27M 3/28</a> {; dowels <a href="#">F16B</a> ; for use in building constructions <a href="#">E04B 1/38</a> ; drills for making holes for dowels})  | 7/025 | . . {for inserting joint-nails}   |
| 5/00  | <b>Slotted or mortised work</b> (hand mortising chisels <a href="#">B25D 3/00</a> )   | 7/04  | . . Equipment for bending nails driven through  |
| 5/02  | . Slotting or mortising machines {tools therefor}   | 7/05  | . . Driving means   |
| 5/023 | . . {Portable plate joiners}  | 7/07  | . . . operated by manual power  |
|       |   | 7/09  | . . . operated by fluid pressure  |
|       |   | 7/11  | . . . operated by electric power  |
|       |   | 7/13  | . . Nail feeding devices  |
|       |   | 7/15  | . Machines for driving in nail- plates {and spiked fittings}  |

## B27F

- 7/155 . . {for nail plates}
- 7/17 . Stapling machines (manually operated portable stapling tools, hand- held power-operated stapling tools [B25C 5/00](#))
- 7/19 . . with provision for bending the ends of the staples on to the work
- 7/21 . . . with means for forming the staples in the machine
- 7/23 . . . . with rotary drive
- 7/26 . . without provision for bending the ends of the staples on to the work
- 7/28 . . . with means for forming the staples in the machine
- 7/30 . . Driving means
- 7/32 . . . operated by manual power
- 7/34 . . . operated by fluid pressure
- 7/36 . . . operated by electric power
- 7/38 . . Staple feeding devices