

# 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.

- |             |  |             |   |
|-------------|--|-------------|---|
| <b>1/00</b> | <b>Dovetailed work; Tenons; Making tongues or grooves</b> (slotting <a href="#">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  | <b>7/00</b> | <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> )   |
| <b>4/00</b> | <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}   |
| <b>5/00</b> | <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