

SECTION B — PERFORMING OPERATIONS; TRANSPORTING

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

B27B SAWS FOR WOOD OR SIMILAR MATERIAL; COMPONENTS OR ACCESSORIES THEREFOR (saws specially adapted for pruning or debranching A01G 3/08; sawing apparatus specially adapted for felling trees A01G 23/091; features not restricted to a particular type of wood saw B23D, e.g. attaching saw blades B23D 51/00; machine tool frames, beds, pillars or like members, in general B23Q 1/01) [5]

Subclass index

SAWS CHARACTERISED BY THE ACTIVE ELEMENT

Reciprocating.....	3/00, 11/00, 19/00
Circular.....	5/00, 7/00, 9/00
Band or strap.....	13/00, 15/00
Chain.....	17/00
Other kinds.....	23/00
PORTABLE OR HAND SAWS.....	9/00, 21/00
ACTIVE ELEMENTS.....	23/00, 33/00
ACCESSORIES.....	25/00-31/00
SAWING TRUNKS OR LOGS, SAWS SPECIALLY ADAPTED THEREFOR.....	1/00, 3/00, 7/00, 15/00

1/00 Methods for subdividing trunks or logs essentially involving sawing (features of machines used, see the relevant groups for the machines) [1, 2006.01]

3/00 Gang saw mills; Other sawing machines with reciprocating saw blades, specially designed for length sawing of trunks [1, 2006.01]

3/02 • with vertically-reciprocating saw frame [1, 2006.01]

3/04 • • with multiple-blade saw frame [1, 2006.01]

3/06 • • with side blade saw frame [1, 2006.01]

3/08 • • combined with a multiple-blade saw frame [1, 2006.01]

3/10 • • Saw frames or guides therefor [1, 2006.01]

3/12 • • Mechanisms for producing the reciprocating movement of the saw frame; Arrangements for damping vibration; Arrangements for counterbalancing (B27B 3/26 takes precedence) [1, 2006.01]

3/14 • • Arrangements for raising or lowering the feed rollers [1, 2006.01]

3/16 • • Driving mechanisms for the feed rollers [1, 2006.01]

3/18 • • Controlling equipment, e.g. for controlling the drive [1, 2006.01]

3/20 • • Equipment for guiding the sawn part of timber during machining, e.g. preventing faults due to torsional stress [1, 2006.01]

3/22 • with horizontally-reciprocating saw frame [1, 2006.01]

3/24 • • Arrangements for raising and lowering the saw frame [1, 2006.01]

3/26 • • Mechanisms for producing the reciprocating movement of the saw frame; Arrangements for damping vibrations; Arrangements for counterbalancing [1, 2006.01]

3/28 • Components [1, 2006.01]

3/30 • • Blade attachments, e.g. saw buckles; Stretching devices [1, 2006.01]

3/32 • • • the stretching devices being equipped with screw-threaded or wedging means [1, 2006.01]

3/34 • • • the stretching devices being actuated by fluid pressure [1, 2006.01]

3/36 • • Devices for adjusting the mutual distance of the saw blades [1, 2006.01]

3/38 • • • Spacing bars; Spacing plates [1, 2006.01]

3/40 • • Devices for adjusting the overhang of the saw [1, 2006.01]

Circular saws

5/00 Sawing machines working with circular saw blades (for length sawing of trunks B27B 7/00); **Components or equipment therefor** [1, 2006.01]

5/02 • characterised by a special purpose only [1, 2006.01]

5/04 • • for edge trimming [1, 2006.01]

5/06 • • for dividing plates in parts of determined size, e.g. panels [1, 2006.01]

5/065 • • • with feedable saw blades, e.g. arranged on a carriage [6, 2006.01]

5/07 • • • the plate being positioned in a substantially vertical plane (B27B 5/075 takes precedence) [6, 2006.01]

5/075 • • • characterised by having a plurality of saw blades, e.g. turning about perpendicular axes [6, 2006.01]

5/08 • • for sawing with the saw blade abutting parallel against a surface of the workpiece [1, 2006.01]

5/10	• Wheeled circular saws; Circular saws designed to be attached to tractors or other vehicles and driven by same [1, 2006.01]
5/12	• Cylinder saws [1, 2006.01]
5/14	• Rim-driven circular saws [1, 2006.01]
5/16	• Saw benches (B27B 15/06 takes precedence) [1, 2006.01]
5/18	• • with feedable circular saw blade, e.g. arranged on a carriage [1, 2006.01]
5/20	• • • the saw blade being adjustable according to depth or angle of cut; Radial saws, i.e. sawing machines with a pivoted radial arm for guiding the movable carriage [1, 2006.01]
5/22	• • with non-feedable circular saw blade [1, 2006.01]
5/24	• • • the saw blade being adjustable according to depth or angle of cut [1, 2006.01]
5/26	• • • the table being adjustable according to depth or angle of cut [1, 2006.01]
5/29	• Details; Component parts; Accessories [2, 2006.01]
5/30	• • for mounting or securing saw blades or saw spindles [1, 2006.01]
5/32	• • • Devices for securing circular saw blades to the saw spindle [1, 2006.01]
5/34	• • • Devices for securing a plurality of circular saw blades on a single saw spindle; Equipment for adjusting the mutual distance [1, 2006.01]
5/36	• • • Mounting for swivelling or tilting the circular saw blade [1, 2006.01]
5/38	• • Devices for braking the circular saw blade or the saw spindle; Devices for damping vibrations of the circular saw blade, e.g. silencing [1, 2006.01]
7/00	Sawing machines working with circular saw blades, specially designed for length sawing of trunks [1, 2006.01]
7/02	• by making use of circular saws mounted substantially at right angles, e.g. vertically and horizontally [1, 2006.01]
7/04	• by making use of a plurality of circular saws mounted on a single spindle; Arrangements for adjusting the mutual distances [1, 2006.01]
9/00	Portable power-driven circular saws for manual operation (details or components, e.g. handles, casings, of portable power-driven tools not particularly related to the operation performed B25F 5/00) [1, 4, 2006.01]
9/02	• Arrangements for adjusting the cutting depth or the amount of tilting [1, 2006.01]
9/04	• Guiding equipment, e.g. for cutting panels [1, 2006.01]
11/00	Cross-cut reciprocating saws with power drive; Appurtenances therefor [1, 2006.01]
11/02	• Arrangements for guiding the saw blade [1, 2006.01]
11/04	• • Supports able to be attached to the work [1, 2006.01]
11/06	• Arrangements for chucking the saw blade, with or without releasable transmission mechanisms for uncoupling the drive [1, 2006.01]
11/08	• Frames, pillars, or beds [1, 2006.01]
11/10	• Devices for clamping the work or holding same in position [1, 2006.01]
11/12	• Saw assemblies designed to be mounted on or driven by tractors [1, 2006.01]

Band or strap sawing machines

13/00	Band or strap sawing machines (for length cutting of trunks B27B 15/00); Components or equipment therefor [1, 2006.01]
13/02	• Frames, Pillars [1, 2006.01]
13/04	• Work-tables; Arrangements for tilting the band saw blade [1, 2006.01]
13/06	• Saw pulleys; Bearings therefor [1, 2006.01]
13/08	• Arrangements for stretching the band saw blade [1, 2006.01]
13/10	• Guiding equipment for the band saw blade, e.g. guide rollers, back guides, side guides [1, 2006.01]
13/12	• Lubricating devices specially designed for band saw blades [1, 2006.01]
13/14	• Braking devices specially designed for band sawing machines, e.g. acting after damage of the band saw blade [1, 2006.01]
13/16	• Accessories, e.g. for cooling the saw blade [1, 2006.01]
15/00	Band or strap sawing machines specially designed for length cutting of trunks [1, 2006.01]
15/02	• with horizontally-guided saw blade, i.e. horizontal log band saw [1, 2006.01]
15/04	• with vertically-guided saw blade [1, 2006.01]
15/06	• in combined arrangement with circular saws for performing simultaneously several sawing procedures [1, 2006.01]
15/08	• with a plurality of band saw blades [1, 2006.01]
17/00	Chain saws; Equipment therefor [1, 2006.01]
17/02	• Chain saws equipped with guide bar (B27B 17/06 takes precedence) [1, 2006.01]
17/04	• • Roller bearing guides [1, 2006.01]
17/06	• Chain saws mounted on a bow [1, 2006.01]
17/08	• Drives or gearings; Devices for swivelling or tilting the chain saw [1, 2006.01]
17/10	• • Transmission clutches specially designed for chain saws [1, 2006.01]
17/12	• Lubricating devices specially designed for chain saws [1, 2006.01]
17/14	• Arrangements for stretching the chain saw [1, 2006.01]
19/00	Other reciprocating saws with power drive; Fret-saws (details or components, e.g. casings, bodies, of portable power-driven tools not particularly related to the operation performed B25F 5/00) [1, 4, 2006.01]
19/02	• Saws with a power-driven blade chucked at both ends or at one end only, e.g. jig saws, scroll saws (B27B 19/10 takes precedence) [1, 2006.01]
19/04	• • characterised by power drive, e.g. by electromagnetic drive [1, 2006.01]
19/06	• • Stationary machines [1, 2006.01]
19/09	• • portable [2, 2006.01]
19/10	• Fret-saws, i.e. with bilaterally-chucked saw blade in a manually-guided bow [1, 2006.01]
19/12	• • with power drive [1, 2006.01]
19/14	• • with hand drive [1, 2006.01]
21/00	Hand saws without power drive (B27B 19/14 takes precedence); Equipment for hand sawing, e.g. saw horses [1, 2006.01]
21/02	• Buck or hack saws [1, 2006.01]
21/04	• Cross-cut saws; Pad saws [1, 2006.01]

- 21/06 • Arrangements for stretching the saw blade [1, 2006.01]
- 21/08 • Arrangements of gauging or adjusting equipment on hand saws, e.g. for limiting the cutting depth [1, 2006.01]
- 23/00 Other cutting of wood by non-rotary toothed tools; Tools therefor** (cutting with hot wire B27M 1/06) [1, 2006.01]

Components or accessories for saws

- 25/00 Feeding devices for timber in saw mills or sawing machines; Feeding devices for trees** (B27B 31/00 takes precedence) [1, 5, 2006.01]
 - 25/02 • with feed and pressure rollers [1, 2006.01]
 - 25/04 • with feed chains or belts [1, 2006.01]
 - 25/06 • Resilient feeding or pressing accessories, e.g. pads, springs [1, 2006.01]
 - 25/08 • Feeding devices able to be attached to any sawing machine [1, 2006.01]
 - 25/10 • Manually-operated feeding or pressing accessories, e.g. pushers [1, 2006.01]
- 27/00 Guide fences or stops for timber in saw mills or sawing machines; Measuring equipment thereon** (safety guards or devices specially designed for wood saws B27G 19/00; constructional features of measuring devices G01B) [1, 2006.01]
 - 27/02 • arranged laterally and parallel with respect to the plane of the saw blade [1, 2006.01]
 - 27/04 • arranged perpendicularly to the plane of the saw blade [1, 2006.01]
 - 27/06 • arranged angularly with respect to the plane of the saw blade, e.g. for mitring [1, 2006.01]
 - 27/08 • arranged adjustably, not limited to only one of the groups B27B 27/02-B27B 27/06 [1, 2006.01]
 - 27/10 • Devices for moving or adjusting the guide fences or stops [1, 2006.01]
- 29/00 Gripping, clamping, or holding devices for the trunk or log in saw mills or sawing machines** (safety guards or devices specially designed for wood saws B27G 19/00; for other timber, see the relevant groups for the machines); **Travelling trunk or log carriages** [1, 2006.01]

- 29/02 • Clamping angles; Gripping equipment thereon [1, 2006.01]
- 29/04 • Trunk or log carriages with gripping means which do not pass the saw blade(s), especially for gang saws; Arrangement of gripping accessories thereon [1, 2006.01]
- 29/06 • • Auxiliary trunk or log carriages for carrying initially the log to the feed rollers or for carrying the sawn part of the log [1, 2006.01]
- 29/08 • Trunk or log carriages with gripping means designed to pass the saw blade(s), especially for band saws; Arrangement of gripping accessories thereon; Turning devices thereon [1, 2006.01]
- 29/10 • • Assemblies for laterally adjusting or controlling the clamping or turning devices with respect to the thickness of the board to be sawn [1, 2006.01]
- 31/00 Arrangements for conveying, loading, turning, adjusting, or discharging the log or timber, specially designed for saw mills or sawing machines** (B27B 29/00 takes precedence) [1, 2006.01]
 - 31/02 • Loading equipment for travelling carriages [1, 2006.01]
 - 31/04 • Turning equipment [1, 2006.01]
 - 31/06 • Adjusting equipment, e.g. using optical projection [1, 2006.01]
 - 31/08 • Discharging equipment [1, 2006.01]
- 33/00 Sawing tools for saw mills, sawing machines, or sawing devices** [1, 2006.01]
 - 33/02 • Structural design of saw blades or saw teeth [1, 2006.01]
 - 33/04 • • Gang saw blades [1, 2006.01]
 - 33/06 • • Band saw blades [1, 2006.01]
 - 33/08 • • Circular saw blades [1, 2006.01]
 - 33/10 • • Hand saw blades [1, 2006.01]
 - 33/12 • • Saw blades having inserted or exchangeably arranged bits or toothed segments [1, 2006.01]
 - 33/14 • Saw chains [1, 2006.01]
 - 33/16 • Saw wires; Twisted saw strips [1, 2006.01]
 - 33/18 • Saw cylinders having a toothed front rim [1, 2006.01]
 - 33/20 • Edge trimming saw blades or tools combined with means to disintegrate waste [2, 2006.01]