

B27B

- 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
- 5/22 • • with non-feedable circular saw blade
- 5/24 • • • the saw blade being adjustable according to depth or angle of cut
- 5/26 • • • the table being adjustable according to depth or angle of cut
- 5/29 • Details; Component parts; Accessories [2]
- 5/30 • • for mounting or securing saw blades or saw spindles
- 5/32 • • • Devices for securing circular saw blades to the saw spindle
- 5/34 • • • Devices for securing a plurality of circular saw blades on a single saw spindle; Equipment for adjusting the mutual distance
- 5/36 • • • Mounting for swivelling or tilting the circular saw blade
- 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

7/00 **Sawing machines working with circular saw blades, specially designed for length sawing of trunks**

- 7/02 • by making use of circular saws mounted substantially at right angles, e.g. vertically and horizontally
- 7/04 • by making use of a plurality of circular saws mounted on a single spindle; Arrangements for adjusting the mutual distances

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) [4]

- 9/02 • Arrangements for adjusting the cutting depth or the amount of tilting
- 9/04 • Guiding equipment, e.g. for cutting panels

11/00 **Cross-cut reciprocating saws with power drive; Appurtenances therefor**

- 11/02 • Arrangements for guiding the saw blade
- 11/04 • • Supports able to be attached to the work
- 11/06 • Arrangements for chucking the saw blade, with or without releasable transmission mechanisms for uncoupling the drive
- 11/08 • Frames, pillars, or beds
- 11/10 • Devices for clamping the work or holding same in position
- 11/12 • Saw assemblies designed to be mounted on or driven by tractors

Band or strap sawing machines

13/00 **Band or strap sawing machines** (for length cutting of trunks B27B 15/00); **Components or equipment therefor**

- 13/02 • Frames, Pillars
- 13/04 • Work-tables; Arrangements for tilting the band saw blade
- 13/06 • Saw pulleys; Bearings therefor
- 13/08 • Arrangements for stretching the band saw blade
- 13/10 • Guiding equipment for the band saw blade, e.g. guide rollers, back guides, side guides

- 13/12 • Lubricating devices specially designed for band saw blades
- 13/14 • Braking devices specially designed for band sawing machines, e.g. acting after damage of the band saw blade
- 13/16 • Accessories, e.g. for cooling the saw blade

15/00 **Band or strap sawing machines specially designed for length cutting of trunks**

- 15/02 • with horizontally-guided saw blade, i.e. horizontal log band saw
- 15/04 • with vertically-guided saw blade
- 15/06 • in combined arrangement with circular saws for performing simultaneously several sawing procedures
- 15/08 • with a plurality of band saw blades

17/00 **Chain saws; Equipment therefor**

- 17/02 • Chain saws equipped with guide bar (B27B 17/06 takes precedence)
- 17/04 • • Roller bearing guides
- 17/06 • Chain saws mounted on a bow
- 17/08 • Drives or gearings; Devices for swivelling or tilting the chain saw
- 17/10 • • Transmission clutches specially designed for chain saws
- 17/12 • Lubricating devices specially designed for chain saws
- 17/14 • Arrangements for stretching the chain saw

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) [4]

- 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)
- 19/04 • • characterised by power drive, e.g. by electromagnetic drive
- 19/06 • • Stationary machines
- 19/09 • • portable [2]
- 19/10 • Fret-saws, i.e. with bilaterally-chucked saw blade in a manually-guided bow
- 19/12 • • with power drive
- 19/14 • • with hand drive

21/00 **Hand saws without power drive** (B27B 19/14 takes precedence); **Equipment for hand sawing, e.g. saw horses**

- 21/02 • Buck or hack saws
- 21/04 • Cross-cut saws; Pad saws
- 21/06 • Arrangements for stretching the saw blade
- 21/08 • Arrangements of gauging or adjusting equipment on hand saws, e.g. for limiting the cutting depth

23/00 **Other cutting of wood by non-rotary toothed tools; Tools therefor** (cutting with hot wire B27M 1/06)

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) [5]
- 25/02 • with feed and pressure rollers
- 25/04 • with feed chains or belts

- 25/06 • Resilient feeding or pressing accessories, e.g. pads, springs
- 25/08 • Feeding devices able to be attached to any sawing machine
- 25/10 • Manually-operated feeding or pressing accessories, e.g. pushers

- 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)
 - 27/02 • arranged laterally and parallel with respect to the plane of the saw blade
 - 27/04 • arranged perpendicularly to the plane of the saw blade
 - 27/06 • arranged angularly with respect to the plane of the saw blade, e.g. for mitring
 - 27/08 • arranged adjustably, not limited to only one of the groups B27B 27/02-B27B 27/06
 - 27/10 • Devices for moving or adjusting the guide fences or stops

- 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**
 - 29/02 • Clamping angles; Gripping equipment thereon
 - 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

- 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
- 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
- 29/10 • • Assemblies for laterally adjusting or controlling the clamping or turning devices with respect to the thickness of the board to be sawn

- 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)
 - 31/02 • Loading equipment for travelling carriages
 - 31/04 • Turning equipment
 - 31/06 • Adjusting equipment, e.g. using optical projection
 - 31/08 • Discharging equipment

- 33/00 Sawing tools for saw mills, sawing machines, or sawing devices**
 - 33/02 • Structural design of saw blades or saw teeth
 - 33/04 • • Gang saw blades
 - 33/06 • • Band saw blades
 - 33/08 • • Circular saw blades
 - 33/10 • • Hand saw blades
 - 33/12 • • Saw blades having inserted or exchangeably arranged bits or toothed segments
 - 33/14 • Saw chains
 - 33/16 • Saw wires; Twisted saw strips
 - 33/18 • Saw cylinders having a toothed front rim
 - 33/20 • Edge trimming saw blades or tools combined with means to disintegrate waste [2]