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)

WARNINGS
1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:
   B27B 33/18
2. 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.

1/00 Methods for subdividing trunks or logs essentially involving sawing (features of machines used, see the relevant groups for the machines)
   1/002 . [by cross-cutting (saw benches with non-feedable circular saw blades for cross-cutting laterally fed workpieces B27B 5/228; cross-cutting reciprocating saws with power drive B27B 11/00)]
   1/005 . [including the step of dividing the log into sector-shaped segments]
   1/007 . [taking into account geometric properties of the trunks or logs to be sawn, e.g. curvature]

3/00 Gang saw mills; Other sawing machines with reciprocating saw blades, specially designed for length sawing of trunks
   3/02 . with vertically-reciprocating saw frame
   3/04 . . with multiple-blade saw frame
   3/06 . . with side blade saw frame
   3/08 . . combined with multiple-blade saw frame
   3/10 . . Saw frames or guides therefor
   3/12 . . Mechanisms for producing the reciprocating movement of the saw frame; Arrangements for damping vibration; Arrangements for counter-balancing (B27B 3/26 takes precedence)
   3/14 . . Arrangements for raising or lowering the feed rollers
   3/16 . . Driving mechanisms for the feed rollers
   3/18 . . Controlling equipment, e.g. for controlling the drive
   3/20 . . Equipment for guiding the sawn part of timber during machining, e.g. preventing faults due to torsional stress
   3/22 . . with horizontally-reciprocating saw frame
   3/24 . . Arrangements for raising and lowering the saw frame

CPC - 2019.05

3/26 . . Mechanisms for producing the reciprocating movement of the saw frame; Arrangements for damping vibrations; Arrangements for counter-balancing
   3/28 . Components
   3/30 . . Blade attachments, e.g. saw buckles; Stretching devices
   3/32 . . the stretching devices being equipped with screw-threaded or wedging means
   3/34 . . the stretching devices being actuated by fluid pressure
   3/36 . . Devices for adjusting the mutual distance of the saw blades
   3/38 . . Spacing bars; Spacing plates
   3/40 . . Devices for adjusting the overhang of the saw

Circular saws

5/00 Sawing machines working with circular (or cylindrical) saw blades (for length sawing of trunks B27B 7/00); Components or equipment therefor
   5/02 . . characterised by a special purpose only
   5/04 . . for edge trimming (equipment for adjusting the mutual distance between the saw blades B27B 5/34)
   5/06 . . for dividing plates in parts of determined size, e.g. panels
   5/061 . . . [Devices having saws perpendicular to each other (B27B 5/075 takes precedence)]
   5/063 . . . [Sawing travelling workpieces]
   5/065 . . . with feedable saw blades, e.g. arranged on a carriage
   5/07 . . . the plate being positioned in a substantially vertical plane (B27B 5/075 takes precedence)
   5/075 . . . characterised by having a plurality of saw blades, e.g. turning about perpendicular axes
Circular saws

5/08 . . . for sawing with the saw blade abutting parallel against a surface of the workpiece

5/10 . . . Wheeled circular saws; Circular saws designed to be attached to tractors or other vehicles and driven by same [(saw assemblies designed to be mounted on or driven by tractors B27 B 11/12)]

5/12 . Cylinder saws [(B27 C 1/007 takes precedence)]

5/14 . Rim-driven circular saws

5/16 . Saw benches (B27 B 15/06 takes precedence)

5/165 . . . {Convertible sawing devices}.

5/18 . . . with feedable circular saw blade, e.g. arranged on a carriage

5/181 . . . {the saw blade being arranged underneath a work-table}

5/182 . . . . . . {the saw blade performing a pivoting movement only]}

5/184 . . . . . . {the saw blade performing a rectilinear movement only]}

5/185 . . . . . . {the saw blade being carried by a pivoted lever (B27 B 5/181 and B27 B 5/188 take precedence)]

5/187 . . . . . . {the saw blade being fitted on a movable carriage (B27 B 5/181 takes precedence)]

5/188 . . . . . . {the saw blade being mounted on a hanging arm or at the end of a set of bars, e.g. parallelograms}

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

5/201 . . . . . . {Radial sawing machines; Machines having a saw blade on an extendable radial arm}

5/202 . . . . . . {with the saw blade underneath a work-table}

5/203 . . . . . . {the saw blade performing a pivoting movement only]

5/205 . . . . . . {the saw blade performing a rectilinear movement only]}

5/206 . . . . . . {the saw blade being carried by a pivoted lever (B27 B 5/208 takes precedence)]

5/207 . . . . . . {the saw blade being fitted on a movable carriage}

5/208 . . . . . . {the saw blade being mounted on a hanging arm or at the end of a set of bars, e.g. parallelograms]

5/22 . . . with non-feedable circular saw blade

5/222 . . . {the saw blade being arranged underneath the work-table; Guiding arrangements for the worktable]

5/224 . . . {the workpieces being fitted on a pivoting support]

5/226 . . . {the workpieces being radially fed by means of a turning drum]

5/228 . . . . . . {Cross-cutting automatically laterally-fed travelling workpieces; Reducing lumbar to desired lengths]

5/24 . . . the saw blade being adjustable according to depth or angle of cut

5/243 . . . {the saw blade being arranged underneath the work-table (the circular saw blade arranged underneath a stationary work-table for sawing material in general B23 D 45/06)]

5/246 . . . {End cutting of automatically laterally-fed travelling workpieces}
Band or strap sawing machines

19/00 Other reciprocating saws with power drive; Fretsaws

21/00 Handsaws without power drive { (hand saws with oscillating saw blades, ) B27B 19/14 takes precedence; Equipment for hand sawing, e.g. saw horses { (work benches B25H 1/00; saw guides B27B 11/02) }

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

29/00  
**Gripping, clamping, or holding devices for the trunk or log in saw mills or sawing machines**
(for other timber, see the relevant groups for the machines; safety guards or devices specially designed for wood saws B27G 19/00); **Travelling trunk or log carriages** (for logs being held in a cantilever manner B27B 17/0079)

29/02  
. Clamping angles; Gripping equipment thereon

29/04  
. Trunk or log carriages with gripping means which do not pass the saw blade(s), specially 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

29/085  
. . [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 ; arrangements for raising or lowering the feed rollers of gang saw mills B27B 3/14; driving mechanisms for the feed rollers of gang saw mills B27B 3/16)

31/003  
. [with rollers]

31/006  
. [with chains or belts]

31/02  
. Loading equipment for travelling carriages

31/04  
. Turning equipment ([turning devices on trunk or log carriages B27B 29/08])

31/06  
. Adjusting equipment, e.g. using optical projection ([see also B27L 5/022])

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 ([saw chains for slotting or mortising devices B27F 5/08])

33/141  
. . . [with means to control the depth of cut]

33/142  
. . . [Cutter elements]

33/144  
. . . . [having cutting inserts or exchangeable cutting teeth]

33/145  
. . . . [having plural teeth on a single link]

33/147  
. . . [with incorporated lubricating means]

33/148  
. . . [with means permitting replacement of cutter elements]

33/16  
. Saw wires; Twisted saw strips

33/20  
. Edge trimming saw blades or tools combined with means to disintegrate waste