



- 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 [B27B 11/12](#))}
- 5/12 . Cylinder saws {(machine for producing flat surfaces by cutting through a workpiece with a tool having a rotational vector parallel to the surfaces generated by cutting [B27C 1/007](#))}
- 5/14 . Rim-driven circular saws
- 5/16 . Saw benches ([B27B 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 ([B27B 5/181](#) and [B27B 5/188](#) take precedence)}
- 5/187 . . . {the saw blade being fitted on a movable carriage ([B27B 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 ([B27B 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 work-table}
- 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 lumber 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 [B23D 45/06](#))}
- 5/246 . . . . {End cutting of automatically laterally-fed travelling workpieces}
- 5/26 . . . the table being adjustable according to depth or angle of cut
- 5/265 . . . . {with the saw blade arranged underneath the work-table}
- 5/29 . Details; Component parts; Accessories
- 5/30 . . for mounting or securing saw blades or saw spindles
- 5/32 . . . Devices for securing circular saw blades to the saw spindle
- 5/325 . . . . {using fluid pressure means}
- 5/34 . . . Devices for securing a plurality of circular saw blades on a single saw spindle; Equipment for adjusting the mutual distance {(arrangements for adjusting the mutual distances of circular saw machines for lengthwise sawing of trunks [B27B 7/04](#))}
- 5/36 . . . Mounting for swivelling or tilting the circular saw blade {, e.g. using an adjustable mounting (slotting or mortising machines [B27F 5/02](#))}
- 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 {(vibration-damping of sawing machines or devices working with circular saw blades [B23D 47/005](#))}
- WARNING**
- Group [B27B 5/38](#) is impacted by reclassification into groups [B27B 5/381](#), [B27G 19/008](#) and [B27G 19/022](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 5/381 . . . {with at least one brake member contacting saw blade portions}
- WARNING**
- Group [B27B 5/381](#) is incomplete pending reclassification of documents from group [B27B 5/38](#).
- Groups [B27B 5/38](#) and [B27B 5/381](#) should be considered in order to perform a complete search.
- 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 {(equipment for adjusting the mutual distance of circular wood saws in general [B27B 5/34](#))}

<p><b>9/00</b>    <b>Portable power-driven circular saws for manual operation</b> (details or components, e.g. handles, casings, of portable power-driven tools not particularly related to the operation performed <a href="#">B25F 5/00</a>)</p> <p>9/02    . Arrangements for adjusting the cutting depth or the amount of tilting</p> <p>9/04    . Guiding equipment, e.g. for cutting panels {(circular sawing machines for dividing plates in parts of determined size, e.g. panels <a href="#">B27B 5/06</a>)}</p> <p><b>11/00</b>    <b>Cross-cut reciprocating saws with power drive; Appurtenances therefor</b></p> <p>11/02    . Arrangements for guiding the saw blade</p> <p>11/04    . . Supports able to be attached to the work</p> <p>11/06    . Arrangements for chucking the saw blade, with or without releasable transmission mechanisms for uncoupling the drive</p> <p>11/08    . Frames, pillars, or beds</p> <p>11/10    . Devices for clamping the work or holding same in position</p> <p>11/12    . Saw assemblies designed to be mounted on or driven by tractors {(circular saws designed to be attached to tractors or other vehicles and driven by same <a href="#">B27B 5/10</a>)}</p>	<p>13/141    . . {with at least one brake member contacting saw blade portions}</p> <p style="text-align: center;"><b>WARNING</b></p> <p>Group <a href="#">B27B 13/141</a> is incomplete pending reclassification of documents from group <a href="#">B27B 13/14</a>.</p> <p>Groups <a href="#">B27B 13/14</a> and <a href="#">B27B 13/141</a> should be considered in order to perform a complete search.</p> <p>13/16    . Accessories, e.g. for cooling the saw blade</p> <p><b>15/00</b>    <b>Band or strap sawing machines specially designed for length cutting of trunks</b></p> <p>15/02    . with horizontally-guided saw blade, i.e. horizontal log band saw</p> <p>15/04    . with vertically-guided saw blade</p> <p>15/06    . in combined arrangement with circular saws for performing simultaneously several sawing procedures</p> <p>15/08    . with a plurality of band saw blades</p> <p><b>17/00</b>    <b>Chain saws; Equipment therefor</b> {(slotting or mortising machines equipped with chain cutters <a href="#">B27F 5/06</a>)}</p> <p>17/0008    . {Means for carrying the chain saw, e.g. handles (<a href="#">B27B 17/0033</a> takes precedence)}</p> <p>17/0016    . {Devices to adapt the chain saw for other purposes, e.g. drilling}</p> <p>17/0025    . {Length measuring devices incorporated in the chain saw}</p> <p>17/0033    . {Devices for attenuation of vibrations}</p> <p>17/0041    . {Saw benches or saw bucks}</p> <p>17/005    . . {with the saw mounted on a carriage}</p> <p>17/0058    . . {with the saw being pivotally mounted}</p> <p>17/0066    . . {with the saw mounted upright}</p> <p>17/0075    . . {the workpiece being held in a cantilever manner}</p> <p>17/0083    . {Attachments for guiding or supporting chain saws during operation}</p> <p>17/0091    . {Wheeled chain saws; Chain saws mounted on or driven by vehicles, e.g. for sawing trees <i>in situ</i>}</p> <p>17/02    . Chain saws equipped with guide bar (<a href="#">B27B 17/06</a> takes precedence)</p> <p>17/025    . . {Composite guide bars, e.g. laminated, multisectioned; Guide bars of diverse material}</p> <p>17/04    . . Roller bearing guides</p> <p>17/06    . Chain saws mounted on a bow</p> <p>17/08    . Drives or gearings; Devices for swivelling or tilting the chain saw</p> <p>17/083    . . {Devices for arresting movement of the saw chain}</p> <p>17/086    . . {Angle drives}</p> <p>17/10    . . Transmission clutches specially designed for chain saws</p> <p>17/12    . Lubricating devices specially designed for chain saws</p>
<p><b><u>Band or strap sawing machines</u></b></p>	
<p><b>13/00</b>    <b>Band or strap sawing machines (for length cutting of trunks <a href="#">B27B 15/00</a>); Components or equipment therefor</b></p> <p>13/02    . Frames; Pillars</p> <p>13/04    . Work-tables; Arrangements for tilting the band saw blade</p> <p>13/06    . Saw pulleys; Bearings therefor</p> <p>13/08    . Arrangements for stretching the band saw blade {(devices for tensioning strap saw blades of sawing machines <a href="#">B23D 55/10</a>)}</p> <p>13/10    . Guiding equipment for the band saw blade, e.g. guide rollers, back guides, side guides {(devices for guiding or feeding strap saw blades to sawing machines <a href="#">B23D 55/08</a>)}</p> <p>13/12    . Lubricating devices specially designed for band saw blades</p> <p>13/14    . Braking devices specially designed for band sawing machines, e.g. acting after damage of the band saw blade</p>	
<p><b>WARNING</b></p> <p>Group <a href="#">B27B 13/14</a> is impacted by reclassification into groups <a href="#">B27B 13/141</a> and <a href="#">B27G 19/008</a>.</p> <p>Groups <a href="#">B27B 13/14</a>, <a href="#">B27B 13/141</a> and <a href="#">B27G 19/008</a> should be considered in order to perform a complete search.</p>	

17/14	<ul style="list-style-type: none"> <li>• Arrangements for stretching the chain saw</li> </ul> <p><b>WARNING</b></p> <p>Group <a href="#">B27B 17/14</a> is impacted by reclassification into groups <a href="#">B27B 17/142</a>, <a href="#">B27B 17/144</a> and <a href="#">B27B 17/146</a>.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>	21/00	<p><b>Hand saws without power drive</b> (<a href="#">hand saws with oscillating saw blades</a>, <a href="#">B27B 19/14</a> takes precedence); <b>Equipment for hand sawing, e.g. saw horses</b> (<a href="#">work benches B25H 1/00</a>; <a href="#">saw guides B27B 11/02</a>)</p> <ul style="list-style-type: none"> <li>• Buck or hack saws</li> <li>• Cross-cut saws; Pad saws</li> <li>• Arrangements for stretching the saw blade</li> <li>• Arrangements of gauging or adjusting equipment on hand saws, e.g. for limiting the cutting depth</li> </ul>
17/142	<ul style="list-style-type: none"> <li>• <a href="#">{with adjustment by at least one cam}</a></li> </ul> <p><b>WARNING</b></p> <p>Group <a href="#">B27B 17/142</a> is incomplete pending reclassification of documents from group <a href="#">B27B 17/14</a>.</p> <p>Groups <a href="#">B27B 17/14</a> and <a href="#">B27B 17/142</a> should be considered in order to perform a complete search.</p>	21/02 21/04 21/06 21/08	
17/144	<ul style="list-style-type: none"> <li>• <a href="#">{with adjustment by at least one threaded screw}</a></li> </ul> <p><b>WARNING</b></p> <p>Group <a href="#">B27B 17/144</a> is incomplete pending reclassification of documents from group <a href="#">B27B 17/14</a>.</p> <p>Groups <a href="#">B27B 17/14</a> and <a href="#">B27B 17/144</a> should be considered in order to perform a complete search.</p>	23/00	<p><b>Other cutting of wood by non-rotary toothed tools; Tools therefor</b> (<a href="#">cutting with hot wire B27M 1/06</a>)</p>
17/146	<ul style="list-style-type: none"> <li>• <a href="#">{with adjustment of a non-driven sprocket or pulley relative to the guide bar}</a></li> </ul> <p><b>WARNING</b></p> <p>Group <a href="#">B27B 17/146</a> is incomplete pending reclassification of documents from group <a href="#">B27B 17/14</a>.</p> <p>Groups <a href="#">B27B 17/14</a> and <a href="#">B27B 17/146</a> should be considered in order to perform a complete search.</p>	21/00	<p><b>Components or accessories for saws</b></p>
19/00	<p><b>Other reciprocating saws with power drive; Fret-saws</b></p> <ul style="list-style-type: none"> <li>• <a href="#">{Power-driven hand saws}</a></li> <li>• <a href="#">{in which the saw blade is chucked at both ends}</a></li> <li>• <a href="#">{with oscillating saw blades; Hand saws with oscillating saw blades}</a></li> <li>• <a href="#">{having a plurality of saw blades or saw blades having plural cutting zones}</a></li> <li>• Saws with a power-driven blade chucked at both ends or at one end only, e.g. jig saws, scroll saws (<a href="#">B27B 19/10</a> takes precedence)</li> <li>• <a href="#">{characterised by power drive, e.g. by electromagnetic drive}</a></li> <li>• <a href="#">{Stationary machines}</a></li> <li>• <a href="#">{hand-operated or foot-operated}</a></li> <li>• <a href="#">{portable}</a></li> <li>• Fret-saws, i.e. with bilaterally chucked saw blade in a manually-guided bow</li> <li>• <a href="#">{with power drive}</a></li> <li>• <a href="#">{with hand drive}</a></li> </ul>	25/00 25/02 25/04 25/06 25/08 25/10	<p><b>Feeding devices for timber in saw mills or sawing machines; Feeding devices for trees</b> (<a href="#">B27B 29/00</a>), <a href="#">B27B 31/00</a> take precedence)</p> <ul style="list-style-type: none"> <li>• with feed and pressure rollers</li> <li>• with feed chains or belts</li> <li>• Resilient feeding or pressing accessories, e.g. pads, springs</li> <li>• Feeding devices able to be attached to any sawing machine</li> <li>• Manually-operated feeding or pressing accessories, e.g. pushers</li> </ul>
19/002	<ul style="list-style-type: none"> <li>• <a href="#">{Power-driven hand saws}</a></li> </ul>	27/00	<p><b>Guide fences or stops for timber in saw mills or sawing machines; Measuring equipment thereon</b> (<a href="#">safety guards or devices specially designed for wood saws B27G 19/00</a>; <a href="#">constructional features of measuring devices G01B</a>)</p>
19/004	<ul style="list-style-type: none"> <li>• <a href="#">{in which the saw blade is chucked at both ends}</a></li> </ul>	27/02 27/04 27/06 27/08 27/10	<ul style="list-style-type: none"> <li>• arranged laterally and parallel with respect to the plane of the saw blade</li> <li>• arranged perpendicularly to the plane of the saw blade</li> <li>• arranged angularly with respect to the plane of the saw blade, e.g. for mitring (<a href="#">devices for mitring wood B27G 5/00</a>)</li> <li>• arranged adjustably, not limited to only one of the groups <a href="#">B27B 27/02</a> - <a href="#">B27B 27/06</a></li> <li>• Devices for moving or adjusting the guide fences or stops</li> </ul>
19/006	<ul style="list-style-type: none"> <li>• <a href="#">{with oscillating saw blades; Hand saws with oscillating saw blades}</a></li> </ul>	29/00	<p><b>Gripping, clamping or holding devices for the trunk or log in saw mills or sawing machines</b> (<a href="#">safety guards or devices specially designed for wood saws B27G 19/00</a>); <b>Travelling trunk or log carriages</b> (<a href="#">for logs being held in a cantilever manner B27B 17/0075</a>)</p>
19/008	<ul style="list-style-type: none"> <li>• <a href="#">{having a plurality of saw blades or saw blades having plural cutting zones}</a></li> </ul>	29/02 29/04 29/06 29/08 29/085 29/10	<ul style="list-style-type: none"> <li>• Clamping angles; Gripping equipment thereon</li> <li>• Trunk or log carriages with gripping means which do not pass the saw blade(s), specially for gang saws; Arrangement of gripping accessories thereon</li> <li>• <a href="#">{Auxiliary trunk or log carriages for carrying initially the log to the feed rollers or for carrying the sawn part of the log}</a></li> <li>• 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</li> <li>• <a href="#">{Turning devices thereon}</a></li> <li>• <a href="#">{Assemblies for laterally adjusting or controlling the clamping or turning devices with respect to the thickness of the board to be sawn}</a></li> </ul>
19/02	<ul style="list-style-type: none"> <li>• Saws with a power-driven blade chucked at both ends or at one end only, e.g. jig saws, scroll saws (<a href="#">B27B 19/10</a> takes precedence)</li> </ul>		
19/04	<ul style="list-style-type: none"> <li>• <a href="#">{characterised by power drive, e.g. by electromagnetic drive}</a></li> </ul>		
19/06	<ul style="list-style-type: none"> <li>• <a href="#">{Stationary machines}</a></li> </ul>		
19/065	<ul style="list-style-type: none"> <li>• <a href="#">{hand-operated or foot-operated}</a></li> </ul>		
19/09	<ul style="list-style-type: none"> <li>• <a href="#">{portable}</a></li> </ul>		
19/10	<ul style="list-style-type: none"> <li>• Fret-saws, i.e. with bilaterally chucked saw blade in a manually-guided bow</li> </ul>		
19/12	<ul style="list-style-type: none"> <li>• <a href="#">{with power drive}</a></li> </ul>		
19/14	<ul style="list-style-type: none"> <li>• <a href="#">{with hand drive}</a></li> </ul>		

- 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