

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1616

DATE: MAY 1, 2024

PROJECT RP10457

The following classification changes will be effected by this Notice of Changes:

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Symbols New:	B23D	47/128, 47/132
	B23D	49/012, 49/013, 49/211
	B23D	51/026, 51/027, 51/028, 51/029, 51/161, 51/1615, 51/162
	B23D	53/0051, 53/0052, 53/0054, 53/0056, 53/0058, 53/028, 53/049
	B23D	55/089, 55/102, 55/104, 55/122
	B23D	59/0062, 59/0064
	B23D	61/0212, 61/0214, 61/022, 61/0225, 61/027, 61/0275, 61/071, 61/075, 61/1212, 61/1214, 61/1216, 61/1217, 61/1218, 61/1219, 61/124, 61/1245, 61/1265, 61/171, 61/175
	B23D	63/0055, 63/028, 63/042, 63/044, 63/046, 63/072
	B23D	65/045
	B27B	5/381
	B27B	13/141
	B27B	17/142, 17/144, 17/146
	B27G	19/008, 19/022, 19/025, 19/028
Titles Changed:	B23D	53/045
	B23D	59/002
	B23D	61/021, 61/026, 61/04, 61/125
	B27B	5/12, 5/38
	B27B	13/08, 13/10
	B27G	5/02
	B27G	23/00
Warnings Modified:	B27G	SUBCLASS
Warnings New:	B23D	47/00, 47/128, 47/132
	B23D	49/00, 49/012, 49/013, 49/211
	B23D	51/025, 51/026, 51/16, 51/161, 51/1615, 51/162,
	B23D	53/005, 53/0051, 53/0052, 53/0058, 53/026, 53/028, 53/045, 53/049

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	B23D	55/00, 55/088, 55/089, 55/10, 55/102, 55/122
	B23D	59/006, 59/0062, 59/0064
	B23D	61/02, 61/021, 61/0212, 61/0214, 61/022, 61/0225, 61/025, 61/027, 61/0275, 61/04, 61/06, 61/065, 61/071, 61/075, 61/12, 61/121, 61/1212, 61/1214, 61/1216, 61/1217, 61/1218, 61/1219, 61/123, 61/124, 61/1245, 61/126, 61/1265, 61/14, 61/16, 61/171, 61/175
	B23D	63/00, 63/005, 63/0055, 63/02, 63/023, 63/028, 63/04, 63/042, 63/044, 63/046, 63/072
	B23D	65/00, 65/045
	B27B	5/38, 5/381
	B27B	13/14, 13/141
	B27B	17/14, 17/142, 17/144, 17/146
	B27G	19/00, 19/008, 19/02, 19/022, 19/025, 19/028, 19/06
DEFINITIONS:		
Definitions New:	B23D	47/128, 47/132
	B23D	49/012, 49/013, 49/211
	B23D	51/026, 51/027, 51/028, 51/029, 51/161, 51/1615, 51/162
	B23D	53/0051, 53/0052, 53/0054, 53/0056, 53/0058, 53/028, 53/049
	B23D	55/089, 55/102, 55/104, 55/122
	B23D	59/0062, 59/0064
	B23D	61/0212, 61/0214, 61/022, 61/0225, 61/027, 61/0275, 61/071, 61/075, 61/1212, 61/1214, 61/1216, 61/1217, 61/1218, 61/1219, 61/124, 61/1245, 61/1265, 61/171, 61/175
	B23D	63/0055, 63/028, 63/042, 63/044, 63/046, 63/072
	B23D	65/045
	B27B	5/381
	B27B	13/141
	B27B	17/142, 17/144, 17/146
	B27G	19/008, 19/022, 19/025, 19/028
	B27G	23/00
Definitions Modified:	B23D	47/00
	B23D	49/00
	B23D	55/00
	B23D	63/00
	B23D	65/00

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	B23D	69/00
	B23D	71/00
	B23D	73/00
	B23D	75/00
	B23D	77/00

The following subclasses/groups are also impacted by this Notice of Changes (indicate subclasses/groups outside of the project scope, such as those listed in the CRL): B23D21/00

This Notice of Changes includes the following [Check the ones included]:

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)

3. REVISION CONCORDANCE LIST (RCL)

4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS B23D – PLANING; SLOTTING; SHEARING; BROACHING; SAWING; FILING; SCRAPING; LIKE OPERATIONS FOR WORKING METAL BY REMOVING MATERIAL, NOT OTHERWISE PROVIDED FOR (making toothed gears or the like B23F; cutting metal by applying heat locally B23K; arrangements for copying or controlling B23Q)

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should</u> <u>normally be enclosed in {curly</u> <u>brackets}**</u>	<u>Transferred to#</u>
C	B23D47/00	0	Sawing machines or sawing devices working with circular saw blades, characterised only by constructional features of particular parts (constructional features of these parts <u>per se</u> B23Q; details or components, e.g. casings, bodies, of portable power-driven tools not particularly related to the operation performed B25F5/00)	B23D47/00, B23D47/128, B23D47/132
U	B23D47/126	2	{Angle drives}	
N	B23D47/128	1	{of means to position the saw blade at a specified angle when adjusting about an axis parallel to the work support surface}	
N	B23D47/132	1	{of means to position the saw blade at a specified angle when adjusting about an axis perpendicular to the work support surface}	
C	B23D49/00	0	Machines or devices for sawing with straight reciprocating saw blades, e.g. hacksaws	B23D49/00, B23D49/012, B23D49/013, B23D49/211
U	B23D49/008	2	{hand-driven or foot-driven}	
N	B23D49/012	1	{combined with tool of another type}	
N	B23D49/013	1	{with means to change to another type of tool}	
U	B23D49/167	4	{with means to adjust the guide plate or with means to adjust the plane in which the saw blade moves}	
N	B23D49/211	1	{whereby the saw carrier pivots about an axis to feed the saw blade into the workpiece during cutting}	

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Type*	Symbol	Indent Level Number of dots (e.g. 0,1, 2)	Title “CPC only” text should normally be enclosed in {curly brackets}**	Transferred to#
C	B23D 51/025	2	{of arrangements for guiding the saw blade }	B23D 51/025, B23D 51/026, B23D 51/027, B23D 51/028, B23D 51/029
N	B23D 51/026	3	{by plural opposed guide surfaces }	
N	B23D 51/027	4	{with adjustment of a space between the guide surfaces }	
N	B23D 51/028	4	{with adjustment of the guide surfaces by rotation about an axis parallel to the work support surface }	
N	B23D 51/029	4	{with adjustment of the guide surfaces by rotation about an axis perpendicular to the work support surface }	
C	B23D 51/16	1	of drives or feed mechanisms for straight tools, e.g. saw blades, or bows	B23D 51/16, B23D 51/161, B23D 51/1615, B23D 51/162
N	B23D 51/161	2	{with dynamic balancing }	
N	B23D 51/1615	2	{with shock absorbing means }	
N	B23D 51/162	2	{Stored energy furnished drive in one direction }	
C	B23D 53/005	1	{with a plurality of band saw blades or band saw blades having plural cutting zones, e.g. contiguous oppositely-moving saw blade portions (for length cutting of trunks B27B 15/08)}	B23D 53/005, B23D 53/0051, B23D 53/0052, B23D 53/0054, B23D 53/0056, B23D 53/0058
N	B23D 53/0051	2	{Contiguous oppositely moving saw blade portions }	
N	B23D 53/0052	2	{with adjustment of separation between cutting zones }	
N	B23D 53/0054	3	{by lever means }	
N	B23D 53/0056	3	{by screw threaded means }	
N	B23D 53/0058	2	{including a saw blade assuming a figure 8 during use }	
C	B23D 53/026	2	{the band saw blade being guided in a horizontal plane }	B23D 53/026, B23D 53/028
N	B23D 53/028	3	{with adjustment of distance between band and work support surface }	
C	B23D 53/045	2	{with pivotably mounted head carrying the saw wheels }	B23D 53/045, B23D 53/049

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N	B23D 53/049	3	{Angularly adjustable to cut work at a plurality of different angles}	
C	B23D 55/00	0	Sawing machines or sawing devices working with strap saw blades, characterised only by constructional features of particular parts (constructional features of these parts <u>per se</u> B23Q)	B23D 55/00, B23D 55/122
C	B23D 55/088	2	{Devices for feeding strap saw blades}	B23D 55/088, B23D 55/089
N	B23D 55/089	3	{with fluid regulating means for in-feed}	
C	B23D 55/10	1	of devices for tensioning strap saw blades (B23D 55/06 takes precedence; incorporated in the strap B23D 61/12)	B23D 55/10, B23D 55/102, B23D 55/104
N	B23D 55/102	2	{with means to vary the distance between pulley or sprocket axes}	
N	B23D 55/104	3	{including means to yieldably bias at least one pulley or sprocket}	
N	B23D 55/122	1	{of devices for changing angular relationship between pulley or sprocket axes}	
M	B23D 59/002	2	{for the position of the saw blade (mounting for swiveling or tilting a circular saw blade B27B 5/36; portable power-driven circular saws with a adjustment for cutting depth or amount of tilting B27B 9/02)}	
C	B23D 59/006	1	{for removing or collecting chips}	B23D 59/006, B23D 59/0062, B23D 59/0064
N	B23D 59/0062	2	{by blowing}	
N	B23D 59/0064	2	{by suction}	
C	B23D 61/02	1	Circular saw blades	B23D 61/02, B23D 61/022, B23D 61/0225, B23D 61/027, B23D 61/0275
C	B23D 61/021	2	{Types of set; Variable teeth, e.g. variable in height or gullet depth; Varying pitch; Details of gullet}	B23D 61/021, B23D 61/0212, B23D 61/0214, B23D 61/0225
N	B23D 61/0212	3	{Varying pitch}	

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N	B23D 61/0214	3	{ Varying tooth height }	
N	B23D 61/022	2	{ with depth limiter on the saw blade }	
N	B23D 61/0225	2	{ with teeth having transversely curved cutting edges }	
C	B23D 61/025	2	{ Details of saw blade body }	B23D 61/025, B23D 61/027, B23D 61/0275
M	B23D 61/026	3	{ Composite body, e.g. laminated }	
N	B23D 61/027	3	{ Element on or along a side of the saw blade for clearing or widening kerf }	
N	B23D 61/0275	3	{ Slots in the saw blade body for reducing tension or vibration }	
C	B23D 61/04	2	with inserted saw teeth {, i.e. the teeth being individually inserted }	B23D 61/04, B23D 61/071, B23D 61/075, B23D 65/045
C	B23D 61/06	3	in exchangeable arrangement	B23D 61/06, B23D 61/071, B23D 61/075, B23D 65/045
C	B23D 61/065	4	{ Adjustable teeth }	B23D 61/065, B23D 61/071, B23D 61/075, B23D 65/045
N	B23D 61/071	4	{ with teeth connected by independent connecting elements }	
N	B23D 61/075	4	{ with teeth connected by deformation }	
C	B23D 61/12	1	Straight saw blades; Strap saw blades	B23D 61/12, B23D 61/1217, B23D 61/1218, B23D 61/1219, B23D 61/124, B23D 61/1265
C	B23D 61/121	2	{ Types of set; Variable teeth, e.g. variable in height or gullet depth; Varying pitch; Details of gullet }	B23D 61/121, B23D 61/1212, B23D 61/1214, B23D 61/1216, B23D 61/1217, B23D 61/1219, B23D 61/1265
N	B23D 61/1212	3	{ Varying pitch }	
N	B23D 61/1214	3	{ Varying height }	
N	B23D 61/1216	3	{ Repeating pattern of groups having three or more teeth }	
N	B23D 61/1217	3	{ Reciprocating blades having more than one section of unique teeth on one side, e.g. a fine tooth section and a large tooth section }	
N	B23D 61/1218	2	{ with a depth limiter on the saw blade }	

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N	B23D 61/1219	2	{with teeth having transversely curved cutting edges}	
C	B23D 61/123	2	{Details of saw blade body}	B23D 61/123, B23D 61/124, B23D 61/1245
N	B23D 61/124	3	{Element on a side of the saw blade for clearing or widening kerf}	
N	B23D 61/1245	3	{Slots in the saw blade body for reducing tension or vibration}	
M	B23D 61/125	3	{Composite body, e.g. laminated}	
C	B23D 61/126	2	{having cutting teeth along both edges}	B23D 61/126, B23D 61/1265
N	B23D 61/1265	2	{Reciprocating blades with teeth on the saw nose, e.g. plunge cutters}	
C	B23D 61/14	2	with inserted saw teeth {, i.e. the teeth being individually inserted}	B23D 61/14, B23D 61/171, B23D 61/175, B23D 65/045
C	B23D 61/16	3	in exchangeable arrangement	B23D 61/16, B23D 61/171, B23D 61/175, B23D 65/045
N	B23D 61/171	4	{with teeth connected by independent connecting elements}	
N	B23D 61/175	4	{with teeth connected by deformation}	
C	B23D 63/00	0	Dressing the tools of sawing machines or sawing devices for use in cutting any kind of material, e.g. in the manufacture of sawing tools	B23D 63/00, B23D 63/042, B23D 63/044, B23D 63/046, B23D 63/072
C	B23D 63/005	1	{Workpiece indexing equipment specially adapted to form part of sawing tool dressing machines}	B23D 63/005, B23D 63/0055
N	B23D 63/0055	2	{with tooth engaging feed}	
C	B23D 63/02	1	Setting saw teeth by means of hand-operated {or foot-operated} devices {(B23D 63/006 takes precedence)}	B23D 63/02, B23D 63/028
C	B23D 63/023	2	{Devices of the portable type carried by one hand and operable by one hand or two hands, e.g. having a pair of tongs}	B23D 63/023, B23D 63/028, B23D 63/046
U	B23D 63/026	2	{Foot-operated devices}	
N	B23D 63/028	2	{with screw-operated setting}	

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C	B23D 63/04	1	Setting saw teeth of circular, straight, or strap saw blades by means of power-operated devices {(B23D 63/006 takes precedence)}	B23D 63/04, B23D 63/042, B23D 63/044, B23D 63/046
N	B23D 63/042	1	{Setting saw teeth by pivotably-operated setting devices}	
N	B23D 63/044	1	{Setting saw teeth by slidably-operated setting devices}	
N	B23D 63/046	1	{Tooth embracing; Anvil-free setting}	
U	B23D 63/06	1	Upsetting the cutting edges of saw teeth, e.g. swaging	
N	B23D 63/072	1	{Jointing}	
C	B23D 65/00	0	Making tools for sawing machines or sawing devices for use in cutting any kind of material	B23D 65/00, B23D 65/045
U	B23D 65/04	1	Making saw teeth by milling	
N	B23D 65/045	1	{Making saw blades by using tooth inserters}	

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SUBCLASS 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)

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M	B27B 5/12	1	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)}	
C	B27B 5/38	2	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)}	B27B 5/38, B27B 5/381, B27G 19/008, B27G 19/022
N	B27B 5/381	3	{with at least one brake member contacting saw blade portions}	
M	B27B 13/08	1	Arrangements for stretching the band saw blade {(devices for tensioning strap saw blades of sawing machines B23D 55/10)}	
M	B27B 13/10	1	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 B23D 55/08)}	
C	B27B 13/14	1	Braking devices specially designed for band sawing machines, e.g. acting after damage of the band saw blade	B27B 13/14, B27B 13/141, B27G 19/008
N	B27B 13/141	2	{with at least one brake member contacting saw blade portions}	
C	B27B 17/14	1	Arrangements for stretching the chain saw	B27B 17/14, B27B 17/142, B27B 17/144, B27B 17/146
N	B27B 17/142	2	{with adjustment by at least one cam}	
N	B27B 17/144	2	{with adjustment by at least one threaded screw}	
N	B27B 17/146	2	{with adjustment of a non-driven sprocket or pulley relative to the guide bar}	

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SUBCLASS B27G - ACCESSORY MACHINES OR APPARATUS FOR WORKING WOOD OR SIMILAR MATERIALS; TOOLS FOR WORKING WOOD OR SIMILAR MATERIALS (tools for grinding B24D; sawing tools B27B 33/00; tools for slotting or mortising machines B27F 5/02; tools for the manufacture of wood shavings, chips, powder or the like B27L 11/00); SAFETY DEVICES FOR WOOD WORKING MACHINES OR TOOLS

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B27G 5/02	1	for sawing mitre joints; Mitre boxes (guide fences for timber in sawing machines B27B 27/00)	
C	B27G 19/00	0	Safety guards or devices specially adapted for wood saws; Auxiliary devices facilitating proper operation of wood saws	B27G 19/00, B27G 19/008
U	B27G 19/006	1	{for reciprocating saws }	
N	B27G 19/008	1	{with sensing of human contact or proximity with the blade}	
C	B27G 19/02	1	for circular saws	B27G 19/008, B27G 19/02, B27G 19/022, B27G 19/025, B27G 19/028
N	B27G 19/022	2	{with blades dropping below a table in reaction to dangerous situation}	
N	B27G 19/025	2	{with guards for tool}	
N	B27G 19/028	2	{Anti-kickback pawls }	
C	B27G 19/06	1	for band or strap saws	B27G 19/06, B27G 19/008
M	B27G 23/00	0	Gauging means specially designed for adjusting of tools or guides, e.g. adjusting cutting blades in cutter blocks ({arrangements for indicating or measuring existing or desired position of tool B23Q 17/22; } for arrangement on manually operated saws B27B 21/08; for guides of sawing machines B27B 27/00)	

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SUBCLASS Y10S - TECHNICAL SUBJECTS COVERED BY FORMER USPC CROSS-REFERENCE ART COLLECTIONS [XRACs] AND DIGESTS

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
C	Y10S 83/01	1	Safety devices	B27G 19/008, Y10S 83/01

SUBCLASS Y10T - TECHNICAL SUBJECTS COVERED BY FORMER US CLASSIFICATION

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
C	Y10T 83/081	1	With randomly actuated stopping means	B27G 19/008, B27G 19/022, Y10T 83/081
C	Y10T 83/2066	2	By fluid current	B23D 59/0062, Y10T 83/2066
C	Y10T 83/2068	3	Plural blasts directed against plural product pieces	B23D 59/0062, Y10T 83/2068
C	Y10T 83/207	3	By suction means	B23D 59/0064, Y10T 83/207
C	Y10T 83/688	2	With dynamic balancing or shock absorbing means	B23D 51/161, B23D 51/1615, Y10T 83/688
C	Y10T 83/6885	2	With tool of another type	B23D 49/012, B23D 49/013, Y10T 83/6885
C	Y10T 83/689	2	With means to change to other type tool	B23D 49/013, Y10T 83/689
C	Y10T 83/69	2	Stored energy furnishes drive in one direction	B23D 51/162, Y10T 83/69
C	Y10T 83/6935	4	With in-feed by pivoting carrier	B23D 49/211, Y10T 83/6935
C	Y10T 83/695	4	By plural opposed guide surfaces	B23D 51/026, Y10T 83/695
C	Y10T 83/6955	5	Having relative adjustment between guide surfaces	B23D 51/027, Y10T 83/6955
C	Y10T 83/696	5	With relative adjustment between guide and work or work-support	B23D 51/028, B23D 51/029, Y10T 83/696
C	Y10T 83/6965	6	By or with additional movable work-support portion	B23D 51/028, B23D 51/029, Y10T 83/6965
C	Y10T 83/697	6	By rotation about an axis parallel to the work-support surface	B23D 51/028, Y10T 83/697

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C	Y10T 83/6975	6	By rotation about an axis perpendicular to the work-support surface	B23D 51/029, Y10T 83/6975
C	Y10T 83/699	3	Of tool carrier on single moving pivot	B23D 49/211, Y10T 83/699
C	Y10T 83/6995	4	Pivot moves in closed loop	B23D 49/211, Y10T 83/6995
C	Y10T 83/70	4	Pivot moves to and fro in arcuate path	B23D 49/211, Y10T 83/70
C	Y10T 83/7005	5	Axis of arcuate path moves during cutting	B23D 49/211, Y10T 83/7005
C	Y10T 83/701	4	Pivot moves to and fro in rectilinear path	B23D 49/211, Y10T 83/701
C	Y10T 83/7089	2	Including contiguous oppositely moving knife portions	B23D 53/0051, Y10T 83/7089
C	Y10T 83/7126	5	Angular relative previous path	B23D 53/049, Y10T 83/7126
C	Y10T 83/7139	4	With fluid in-feed regulating means	B23D 55/089, Y10T 83/7139
C	Y10T 83/7164	3	With an adjustment of separation between zones	B23D 53/0052, Y10T 83/7164
C	Y10T 83/717	4	By lever means	B23D 53/0054, Y10T 83/717
C	Y10T 83/7176	4	By screw-threaded means	B23D 53/0056, Y10T 83/7176
C	Y10T 83/7183	3	Including "figure-8" band	B23D 53/0058, Y10T 83/7183
C	Y10T 83/722	3	By varying distance between band and work-support surface	B23D 53/028, Y10T 83/722
C	Y10T 83/7239	3	With means to vary distance between pulley or sprocket axes	B23D 55/102, B27B 17/142, B27B 17/144, Y10T 83/7239
C	Y10T 83/7245	4	And angular relationship of axes	B23D 55/122, Y10T 83/7245
C	Y10T 83/7251	4	Including means to yieldably bias pulley	B23D 55/104, Y10T 83/7251
C	Y10T 83/7258	5	By fluid means	B23D 55/104, Y10T 83/7258
C	Y10T 83/7697	4	Tool angularly adjustable relative to work-support	B23D 47/132, Y10T 83/7697
C	Y10T 83/7705	4	Adjustable angular relationship	B23D 47/128, Y10T 83/7705
C	Y10T 83/7734	2	With guard for tool	B27G 19/025, B27G 19/028, B27G 19/04, Y10T 83/7734
C	Y10T 83/9319	2	Toothed blade or tooth therefor	B23D 61/022, B23D 61/027, B23D 61/0275, B23D 61/1218, B23D 61/124, B23D 61/1245, B23D 61/1265, Y10T 83/9319
C	Y10T 83/9321	3	With means to vary tooth position	B23D 61/022, B23D 61/1218, Y10T 83/9321
C	Y10T 83/9324	3	With additional cutting means	B23D 61/022, B23D 61/027, B23D 61/1218, B23D 61/124, B23D 61/1265, Y10T 83/9324

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
C	Y10T 83/9326	3	Plural separable sections	B23D 61/0225, B23D 61/1218, Y10T 83/9326
C	Y10T 83/9329	4	Tooth separable from blade	B23D 61/022, B23D 61/1218, Y10T 83/9329
C	Y10T 83/9331	5	By independent connecting element	B23D 61/022, B23D 61/071, B23D 61/1218, B23D 61/171, Y10T 83/9331
C	Y10T 83/9333	6	Transversely movable	B23D 61/022, B23D 61/071, B23D 61/1218, B23D 61/171, Y10T 83/9333
C	Y10T 83/9336	6	Arcuately movable	B23D 61/022, B23D 61/071, B23D 61/1218, B23D 61/171, Y10T 83/9336
C	Y10T 83/9338	7	With additional element to prevent movement of connecting element	B23D 61/022, B23D 61/071, B23D 61/1218, B23D 61/171, Y10T 83/9338
C	Y10T 83/9341	6	Rectilinearly movable	B23D 61/022, B23D 61/071, B23D 61/1218, B23D 61/171, Y10T 83/9341
C	Y10T 83/9343	5	By deformation	B23D 61/022, B23D 61/075, B23D 61/1218, B23D 61/175, Y10T 83/9343
C	Y10T 83/9346	3	Uniformly varying teeth or tooth spacing	B23D 61/0212, B23D 61/0214, B23D 61/022, B23D 61/1212, B23D 61/1214, B23D 61/1218, Y10T 83/9346
C	Y10T 83/9348	3	Undulating tooth arrangement	B23D 61/022, B23D 61/1218, Y10T 83/9348
C	Y10T 83/935	3	Plural tooth groups	B23D 61/022, B23D 61/1216, B23D 61/1217, B23D 61/1218, B23D 61/1265, Y10T 83/935
C	Y10T 83/9353	4	Including raker tooth group	B23D 61/022, B23D 61/1216, B23D 61/1218, Y10T 83/9353
C	Y10T 83/9355	4	Including intermediate raker tooth	B23D 61/022, B23D 61/1216, B23D 61/1218, Y10T 83/9355
C	Y10T 83/9358	3	Series of dissimilar teeth	B23D 61/021, B23D 61/0214, B23D 61/022, B23D 61/121, B23D 61/1214, B23D 61/1216, B23D 61/1217, B23D 61/1218, Y10T 83/9358
C	Y10T 83/936	3	Series of allochiral teeth	B23D 61/022, B23D 61/1218, Y10T 83/936
C	Y10T 83/9362	3	Teeth having transversely curved cutting edge	B23D 61/022, B23D 61/0225, B23D 61/1218, B23D 61/1219, Y10T 83/9362

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) “CPC only” text should normally be enclosed in {curly brackets}**	Transferred to#
C	Y10T 83/9365	3	Teeth having cutting edge parallel to blade surface	B23D 61/022, B23D 61/1218, Y10T 83/9365
C	Y10T 83/9367	3	Teeth having cutting edge perpendicular to blade surface	B23D 61/022, B23D 61/1218, Y10T 83/9367
C	Y10T 83/9454	2	Reciprocable type	B23D 61/1265, Y10T 83/9454

*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; T = existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:

- **No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- U groups: it is obligatory to display the required “anchor” symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups). Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types.
- “Transferred to” column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the “Transferred to” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD>, <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“Transferred to”) symbol, however it is required to specify “<no transfer>” in the “Transferred to” column for such cases.
- For finalisation projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.

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B. New, Modified or Deleted Warning(s)

SUBCLASS B23D – PLANING; SLOTTING; SHEARING; BROACHING; SAWING; FILING; SCRAPING; LIKE OPERATIONS FOR WORKING METAL BY REMOVING MATERIAL, NOT OTHERWISE PROVIDED FOR (making toothed gears or the like B23F; cutting metal by applying heat locally B23K; arrangements for copying or controlling B23Q)

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	B23D 47/00		Group B23D 47/00 is impacted by reclassification into groups B23D 47/128 and B23D 47/132. Groups B23D 47/00, B23D 47/128 and B23D 47/132 should be considered in order to perform a complete search.
N	B23D 47/128		Group B23D 47/128 is incomplete pending reclassification of documents from group B23D 47/00. Groups B23D 47/00 and B23D 47/128 should be considered in order to perform a complete search.
N	B23D 47/132		Group B23D 47/132 is incomplete pending reclassification of documents from group B23D 47/00. Groups B23D 47/00 and B23D 47/132 should be considered in order to perform a complete search.
N	B23D 49/00		Group B23D 49/00 is impacted by reclassification into groups B23D 49/012, B23D 49/013 and B23D 49/211. All groups listed in this Warning should be considered in order to perform a complete search.
N	B23D 49/012		Group B23D 49/012 is incomplete pending reclassification of documents from group B23D 49/00. Groups B23D 49/00 and B23D 49/012 should be considered in order to perform a complete search.
N	B23D 49/013		Group B23D 49/013 is incomplete pending reclassification of documents from group B23D 49/00. Groups B23D 49/00 and B23D 49/013 should be considered in order to perform a complete search.
N	B23D 49/211		Group B23D 49/211 is incomplete pending reclassification of documents from group B23D 49/00. Groups B23D 49/00 and B23D 49/211 should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	B23D 51/025		Group B23D 51/025 is impacted by reclassification into groups B23D 51/026, B23D 51/027, B23D 51/028 and B23D 51/029. All groups listed in this Warning should be considered in order to perform a complete search.
N	B23D 51/026		Groups B23D 51/026, B23D 51/027, B23D 51/028 and B23D 51/029 are incomplete pending reclassification of documents from group B23D 51/025. All groups listed in this Warning should be considered in order to perform a complete search.
N	B23D 51/16		Group B23D 51/16 is impacted by reclassification into groups B23D 51/161, B23D 51/1615 and B23D 51/162. All groups listed in this Warning should be considered in order to perform a complete search.
N	B23D 51/161		Group B23D 51/161 is incomplete pending reclassification of documents from group B23D 51/16. Groups B23D 51/16 and B23D 51/161 should be considered in order to perform a complete search.
N	B23D 51/1615		Group B23D 51/1615 is incomplete pending reclassification of documents from group B23D 51/16. Groups B23D 51/16 and B23D 51/1615 should be considered in order to perform a complete search.
N	B23D 51/162		Group B23D 51/162 is incomplete pending reclassification of documents from group B23D 51/16. Groups B23D 51/16 and B23D 51/162 should be considered in order to perform a complete search.
N	B23D 53/005		Group B23D 53/005 is impacted by reclassification into groups B23D 53/0051, B23D 53/0052, B23D 53/0054, B23D 53/0056 and B23D 53/0058. All groups listed in this Warning should be considered in order to perform a complete search.
N	B23D 53/0051		Group B23D 53/0051 is incomplete pending reclassification of documents from group B23D 53/005. Groups B23D 53/005 and B23D 53/0051 should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	B23D 53/0052		Groups B23D 53/0052, B23D 53/0054 and B23D 53/0056 are incomplete pending reclassification of documents from group B23D 53/005. All groups listed in this Warning should be considered in order to perform a complete search.
N	B23D 53/0058		Group B23D 53/0058 is incomplete pending reclassification of documents from group B23D 53/005. Groups B23D 53/005 and B23D 53/0058 should be considered in order to perform a complete search.
N	B23D 53/026		Group B23D 53/026 is impacted by reclassification into group B23D 53/028. Groups B23D 53/026 and B23D 53/028 should be considered in order to perform a complete search.
N	B23D 53/028		Group B23D 53/028 is incomplete pending reclassification of documents from group B23D 53/026. Groups B23D 53/026 and B23D 53/028 should be considered in order to perform a complete search.
N	B23D 53/045		Group B23D 53/045 is impacted by reclassification into group B23D 53/049. Groups B23D 53/045 and B23D 53/049 should be considered in order to perform a complete search.
N	B23D 53/049		Group B23D 53/049 is incomplete pending reclassification of documents from group B23D 53/045. Groups B23D 53/045 and B23D 53/049 should be considered in order to perform a complete search.
N	B23D 55/00		Group B23D 55/00 is impacted by reclassification into group B23D 55/122. Groups B23D 55/00 and B23D 55/122 should be considered in order to perform a complete search.
N	B23D 55/088		Group B23D 55/088 is impacted by reclassification into group B23D 55/089. Groups B23D 55/088 and B23D 55/089 should be considered in order to perform a complete search.
N	B23D 55/089		Group B23D 55/089 is incomplete pending reclassification of documents

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
			from group B23D 55/088. Groups B23D 55/088 and B23D 55/089 should be considered in order to perform a complete search.
N	B23D 55/10		Group B23D 55/10 is impacted by reclassification into groups B23D 55/102 and B23D 55/104. Groups B23D 55/10, B23D 55/102 and B23D 55/104 should be considered in order to perform a complete search.
N	B23D 55/102		Groups B23D 55/102 and B23D 55/104 are incomplete pending reclassification of documents from group B23D 55/10. Groups B23D 55/10, B23D 55/102 and B23D 55/104 should be considered in order to perform a complete search.
N	B23D 55/122		Group B23D 55/122 is incomplete pending reclassification of documents from group B23D 55/00. Groups B23D 55/00 and B23D 55/122 should be considered in order to perform a complete search.
N	B23D 59/006		Group B23D 59/006 is impacted by reclassification into groups B23D 59/0062 and B23D 59/0064. Groups B23D 59/006, B23D 59/0062 and B23D 59/0064 should be considered in order to perform a complete search.
N	B23D 59/0062		Group B23D 59/0062 is incomplete pending reclassification of documents from group B23D 59/006. Groups B23D 59/006 and B23D 59/0062 should be considered in order to perform a complete search.
N	B23D 59/0064		Group B23D 59/0064 is incomplete pending reclassification of documents from group B23D 59/006. Groups B23D 59/006 and B23D 59/0064 should be considered in order to perform a complete search.
N	B23D 61/02		Group B23D 61/02 is impacted by reclassification into groups B23D 61/022, B23D 61/0225, B23D 61/027 and B23D 61/0275. All groups listed in this Warning should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	B23D 61/021		Group B23D 61/021 is impacted by reclassification into groups B23D 61/0212, B23D 61/0214 and B23D 61/0225. All groups listed in this Warning should be considered in order to perform a complete search.
N	B23D 61/0212		Group B23D 61/0212 is incomplete pending reclassification of documents from group B23D 61/021. Groups B23D 61/021 and B23D 61/0212 should be considered in order to perform a complete search.
N	B23D 61/0214		Group B23D 61/0214 is incomplete pending reclassification of documents from group B23D 61/021. Groups B23D 61/021 and B23D 61/0214 should be considered in order to perform a complete search.
N	B23D 61/022		Group B23D 61/022 is incomplete pending reclassification of documents from group B23D 61/02. Groups B23D 61/02 and B23D 61/022 should be considered in order to perform a complete search.
N	B23D 61/0225		Group B23D 61/0225 is incomplete pending reclassification of documents from groups B23D 61/02 and B23D 61/021. Groups B23D 61/02, B23D 61/021 and B23D 61/0225 should be considered in order to perform a complete search.
N	B23D 61/025		Group B23D 61/025 is impacted by reclassification into groups B23D 61/027 and B23D 61/0275. Groups B23D 61/025, B23D 61/027 and B23D 61/0275 should be considered in order to perform a complete search.
N	B23D 61/027		Group B23D 61/027 is incomplete pending reclassification of documents from groups B23D 61/02 and B23D 61/025. Groups B23D 61/02, B23D 61/025 and B23D 61/027 should be considered in order to perform a complete search.
N	B23D 61/0275		Group B23D 61/0275 is incomplete pending reclassification of documents from groups B23D 61/02 and B23D 61/025. Groups B23D 61/02, B23D 61/025 and B23D 61/0275

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
			should be considered in order to perform a complete search.
N	B23D 61/04		Group B23D 61/04 is impacted by reclassification into groups B23D 61/071, B23D 61/075 and B23D 65/045. All groups listed in this Warning should be considered in order to perform a complete search.
N	B23D 61/06		Group B23D 61/06 is impacted by reclassification into groups B23D 61/071, B23D 61/075 and B23D 65/045. All groups listed in this Warning should be considered in order to perform a complete search.
N	B23D 61/065		Group B23D 61/065 is impacted by reclassification into groups B23D 61/071, B23D 61/075 and B23D 65/045. All groups listed in this Warning should be considered in order to perform a complete search.
N	B23D 61/071		Group B23D 61/071 is incomplete pending reclassification of documents from groups B23D 61/04, B23D 61/06 and B23D 61/065. All groups listed in this Warning should be considered in order to perform a complete search.
N	B23D 61/075		Group B23D 61/075 is incomplete pending reclassification of documents from groups B23D 61/04, B23D 61/06 and B23D 61/065. All groups listed in this Warning should be considered in order to perform a complete search.
N	B23D 61/12		Group B23D 61/12 is impacted by reclassification into groups B23D 61/1217, B23D 61/1218, B23D 61/1219, B23D 61/124 and B23D 61/1265. All groups listed in this Warning should be considered in order to perform a complete search.
N	B23D 61/121		Group B23D 61/121 is impacted by reclassification into groups B23D 61/1212, B23D 61/1214, B23D 61/1216, B23D 61/1217, B23D 61/1219 and B23D 61/1265. All groups listed in this Warning should be considered in order to perform a complete search.
N	B23D 61/1212		Group B23D 61/1212 is incomplete pending reclassification of documents from group B23D 61/121. Groups B23D 61/121 and B23D 61/1212

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
			should be considered in order to perform a complete search.
N	B23D 61/1214		Group B23D 61/1214 is incomplete pending reclassification of documents from group B23D 61/121. Groups B23D 61/121 and B23D 61/1214 should be considered in order to perform a complete search.
N	B23D 61/1216		Group B23D 61/1216 is incomplete pending reclassification of documents from group B23D 61/121. Groups B23D 61/121 and B23D 61/1216 should be considered in order to perform a complete search.
N	B23D 61/1217		Group B23D 61/1217 is incomplete pending reclassification of documents from groups B23D 61/12 and B23D 61/121. Groups B23D 61/12, B23D 61/121 and B23D 61/1217 should be considered in order to perform a complete search.
N	B23D 61/1218		Group B23D 61/1218 is incomplete pending reclassification of documents from group B23D 61/12. Groups B23D 61/12 and B23D 61/1218 should be considered in order to perform a complete search.
N	B23D 61/1219		Group B23D 61/1219 is incomplete pending reclassification of documents from groups B23D 61/12 and B23D 61/121. Groups B23D 61/12, B23D 61/121 and B23D 61/1219 should be considered in order to perform a complete search.
N	B23D 61/123		Group B23D 61/123 is impacted by reclassification into groups B23D 61/124 and B23D 61/1245. Groups B23D 61/123, B23D 61/124 and B23D 61/1245 should be considered in order to perform a complete search.
N	B23D 61/124		Group B23D 61/124 is incomplete pending reclassification of documents from groups B23D 61/12 and B23D 61/123. Groups B23D 61/12, B23D 61/123 and B23D 61/124 should be considered in order to perform a complete search.
N	B23D 61/1245		Group B23D 61/1245 is incomplete pending reclassification of documents from group B23D 61/123. Groups

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
			B23D 61/123 and B23D 61/1245 should be considered in order to perform a complete search.
N	B23D 61/126		Group B23D 61/126 is impacted by reclassification into group B23D 61/1265. Groups B23D 61/126 and B23D 61/1265 should be considered in order to perform a complete search.
N	B23D 61/1265		Group B23D 61/1265 is incomplete pending reclassification of documents from groups B23D 61/12, B23D 61/121 and B23D 61/126. All groups listed in this Warning should be considered in order to perform a complete search.
N	B23D 61/14		Group B23D 61/14 is impacted by reclassification into groups B23D 61/171, B23D 61/175 and B23D 65/045. All groups listed in this Warning should be considered in order to perform a complete search.
N	B23D 61/16		Group B23D 61/16 is impacted by reclassification into groups B23D 61/171, B23D 61/175 and B23D 65/045. All groups listed in this Warning should be considered in order to perform a complete search.
N	B23D 61/171		Group B23D 61/171 is incomplete pending reclassification of documents from groups B23D 61/14 and B23D 61/16. Groups B23D 61/14, B23D 61/16 and B23D 61/171 should be considered in order to perform a complete search.
N	B23D 61/175		Group B23D 61/175 is incomplete pending reclassification of documents from groups B23D 61/14 and B23D 61/16. Groups B23D 61/14, B23D 61/16 and B23D 61/175 should be considered in order to perform a complete search.
N	B23D 63/00		Group B23D 63/00 is impacted by reclassification into groups B23D 63/042, B23D 63/044, B23D 63/046 and B23D 63/072. All groups listed in this Warning should be considered in order to perform a complete search.
N	B23D 63/005		Group B23D 63/005 is impacted by reclassification into group

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
			B23D 63/0055. Groups B23D 63/005 and B23D 63/0055 should be considered in order to perform a complete search.
N	B23D 63/0055		Group B23D 63/0055 is incomplete pending reclassification of documents from group B23D 63/005. Groups B23D 63/005 and B23D 63/0055 should be considered in order to perform a complete search.
N	B23D 63/02		Group B23D 63/02 is impacted by reclassification into group B23D 63/028. Groups B23D 63/02 and B23D 63/028 should be considered in order to perform a complete search.
N	B23D 63/023		Group B23D 63/023 is impacted by reclassification into groups B23D 63/028 and B23D 63/046. Groups B23D 63/023, B23D 63/028 and B23D 63/046 should be considered in order to perform a complete search.
N	B23D 63/028		Group B23D 63/028 is incomplete pending reclassification of documents from groups B23D 63/02 and B23D 63/023. Groups B23D 63/02, B23D 63/023 and B23D 63/028 should be considered in order to perform a complete search.
N	B23D 63/04		Group B23D 63/04 is impacted by reclassification into groups B23D 63/042, B23D 63/044 and B23D 63/046. All groups listed in this Warning should be considered in order to perform a complete search.
N	B23D 63/042		Group B23D 63/042 is incomplete pending reclassification of documents from groups B23D 63/00 and B23D 63/04. Groups B23D 63/00, B23D 63/04 and B23D 63/042 should be considered in order to perform a complete search.
N	B23D 63/044		Group B23D 63/044 is incomplete pending reclassification of documents from groups B23D 63/00 and B23D 63/04. Groups B23D 63/00, B23D 63/04 and B23D 63/044 should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	B23D 63/046		Group B23D 63/046 is incomplete pending reclassification of documents from groups B23D 63/00, B23D 63/023 and B23D 63/04. All groups listed in this Warning should be considered in order to perform a complete search.
N	B23D 63/072		Group B23D 63/072 is incomplete pending reclassification of documents from group B23D 63/00. Groups B23D 63/00 and B23D 63/072 should be considered in order to perform a complete search.
N	B23D 65/00		Group B23D 65/00 is impacted by reclassification into group B23D 65/045. Groups B23D 65/00 and B23D 65/045 should be considered in order to perform a complete search.
N	B23D 65/045		Group B23D 65/045 is incomplete pending reclassification of documents from groups B23D 61/04, B23D 61/06, B23D 61/065, B23D 61/14, B23D 61/16 and B23D 65/00. All groups listed in this Warning should be considered in order to perform a complete search.

SUBCLASS 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)

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	B27B 5/38		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.
N	B27B 5/381		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.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	B27B 13/14		Group B27B 13/14 is impacted by reclassification into groups B27B 13/141 and B27G 19/008. Groups B27B 13/14, B27B 13/141 and B27G 19/008 should be considered in order to perform a complete search.
N	B27B 13/141		Group B27B 13/141 is incomplete pending reclassification of documents from group B27B 13/14. Groups B27B 13/14 and B27B 13/141 should be considered in order to perform a complete search.
N	B27B 17/14		Group B27B 17/14 is impacted by reclassification into groups B27B 17/142, B27B 17/144 and B27B 17/146. All groups listed in this Warning should be considered in order to perform a complete search.
N	B27B 17/142		Group B27B 17/142 is incomplete pending reclassification of documents from group B27B 17/14. Groups B27B 17/14 and B27B 17/142 should be considered in order to perform a complete search.
N	B27B 17/144		Group B27B 17/144 is incomplete pending reclassification of documents from group B27B 17/14. Groups B27B 17/14 and B27B 17/144 should be considered in order to perform a complete search.
N	B27B 17/146		Group B27B 17/146 is incomplete pending reclassification of documents from group B27B 17/14. Groups B27B 17/14 and B27B 17/146 should be considered in order to perform a complete search.

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SUBCLASS B27G - ACCESSORY MACHINES OR APPARATUS FOR WORKING WOOD OR SIMILAR MATERIALS; TOOLS FOR WORKING WOOD OR SIMILAR MATERIALS (tools for grinding B24D; sawing tools B27B 33/00; tools for slotting or mortising machines B27F 5/02; tools for the manufacture of wood shavings, chips, powder or the like B27L 11/00); SAFETY DEVICES FOR WOOD WORKING MACHINES OR TOOLS

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
M	B27G	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.	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. }
N	B27G 19/00		Group B27G 19/00 is impacted by reclassification into group B27G 19/008. Groups B27G 19/00 and B27G 19/008 should be considered in order to perform a complete search.
N	B27G 19/008		Group B27G 19/008 is incomplete pending reclassification of documents from groups B27B 5/38, B27B 13/14, B27G 19/00, B27G 19/02 and B27G 19/06. All groups listed in this Warning should be considered in order to perform a complete search.
N	B27G 19/02		Group B27G 19/02 is impacted by reclassification into groups B27G 19/008, B27G 19/022, B27G 19/025 and B27G 19/028. All groups listed in this Warning should be considered in order to perform a complete search.
N	B27G 19/022		Group B27G 19/022 is incomplete pending reclassification of documents from groups B27B 5/38 and B27G 19/02. Groups B27B 5/38, B27G 19/02 and B27G 19/022 should be considered in order to perform a complete search.
N	B27G 19/025		Group B27G 19/025 is incomplete pending reclassification of documents from group B27G 19/02. Groups B27G 19/02 and B27G 19/025 should be considered in order to perform a complete search.
N	B27G 19/028		Group B27G 19/028 is incomplete pending reclassification of documents from group B27G 19/02. Groups B27G 19/02

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
			and B27G 19/028 should be considered in order to perform a complete search.
N	B27G 19/06		Group B27G 19/06 is impacted by reclassification into group B27G 19/008. Groups B27G 19/06 and B27G 19/008 should be considered in order to perform a complete search.

*N = new warning, M = modified warning, D = deleted warning

NOTE: The "Location" column only requires the symbol PRIOR to the location of the warning. No further directions such as "before" or "after" are required.

2. A. DEFINITIONS (new)

B23D 47/128

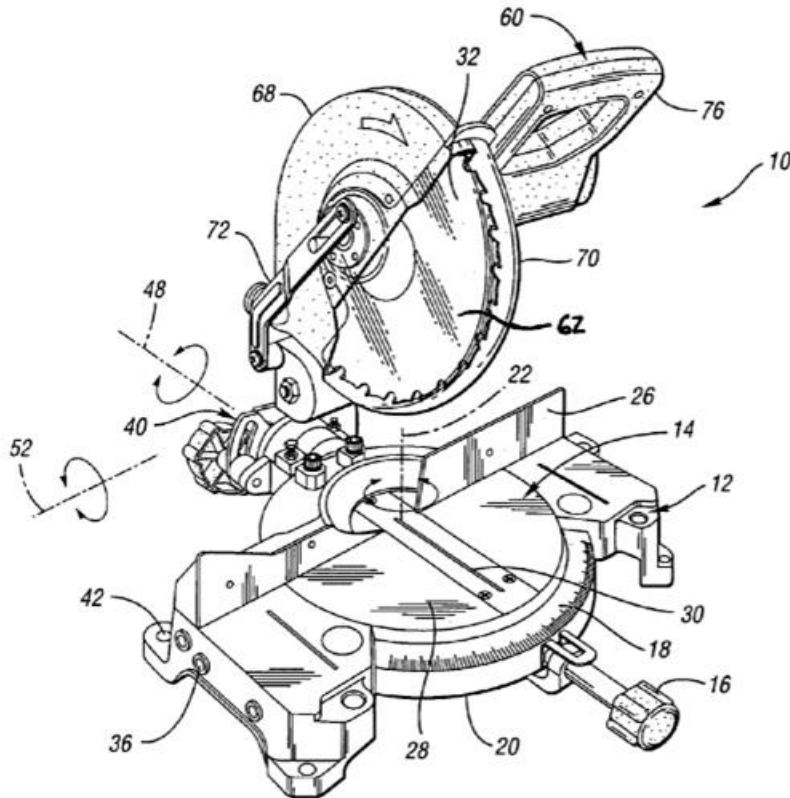
Definition statement

This place covers:

A mechanism for locking or otherwise holding the blade at an angle when adjusting about an axis parallel to the work support surface. Generic blade pivoting need not be placed here.

Illustrative example of subject matter classified in this place:

Note, in the figure below, bevel adjustment mechanism 40 for adjusting rotational angle about axis 48 is illustrated as including a locking knob.



B23D 47/132

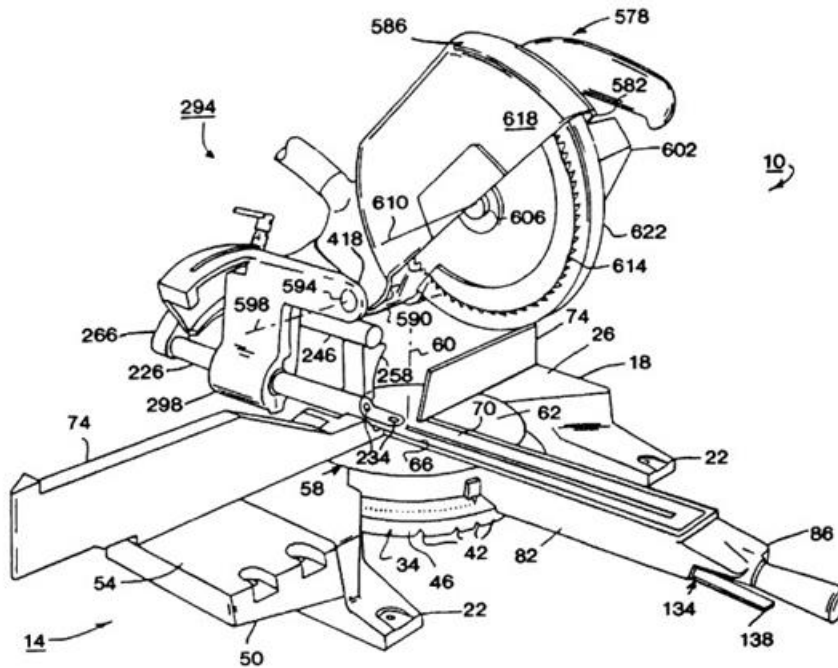
Definition statement

This place covers:

A mechanism for locking or otherwise holding the blade at an angle when adjusting about an axis perpendicular to the work support surface. Generic blade pivoting need not be placed here.

Illustrative example of subject matter classified in this place:

Note, in the figure below, locking mechanism includes lever 134 which is actuated to disengage a detent from one of the recesses 42.



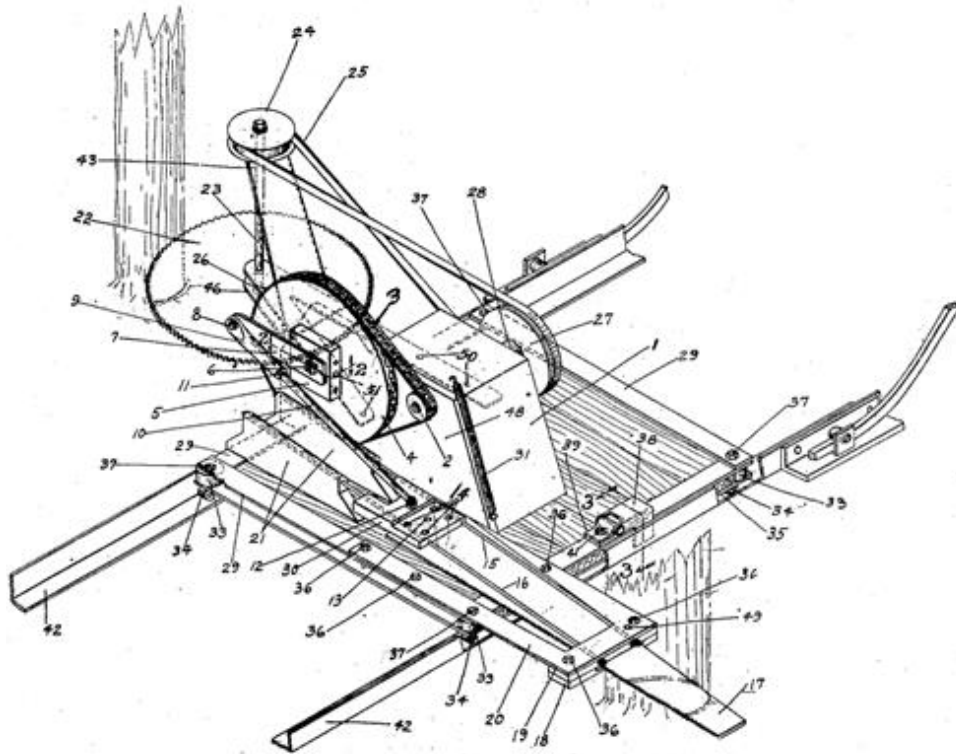
B23D 49/012

Definition statement

This place covers:

Illustrative example of subject matter classified in this place:

Note, in the figure below, a reciprocating blade combined with a rotating blade.



B23D 49/013

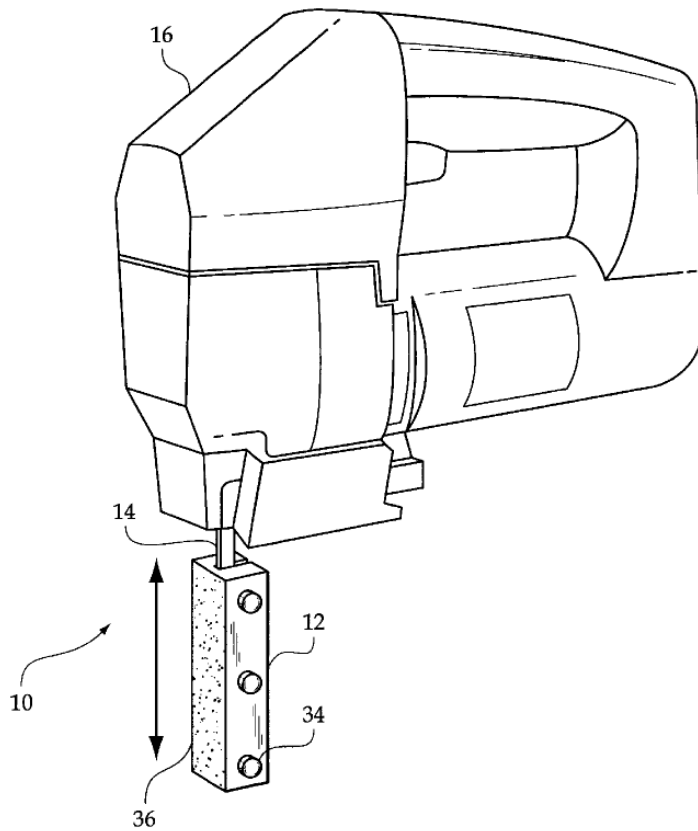
Definition statement

This place covers:

Illustrative examples of subject matter classified in this place:

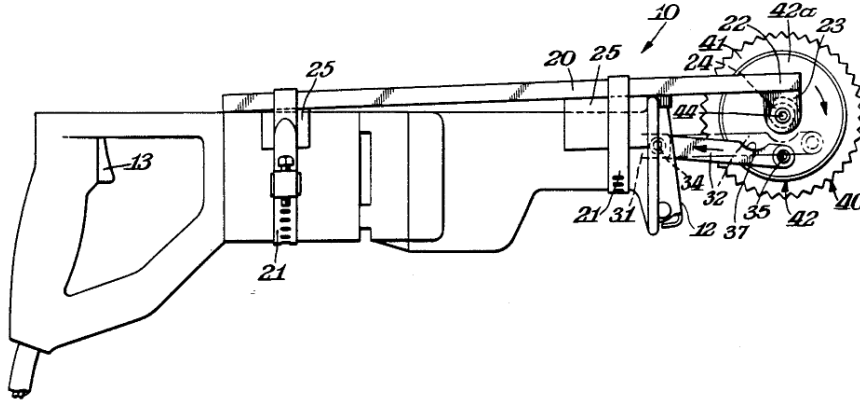
Note, in Fig. 1 below, a reciprocating saw that has been converted to a sander.

1.



Note, in Fig. 2 below, a reciprocating saw that has been converted to a rotary saw.

2.



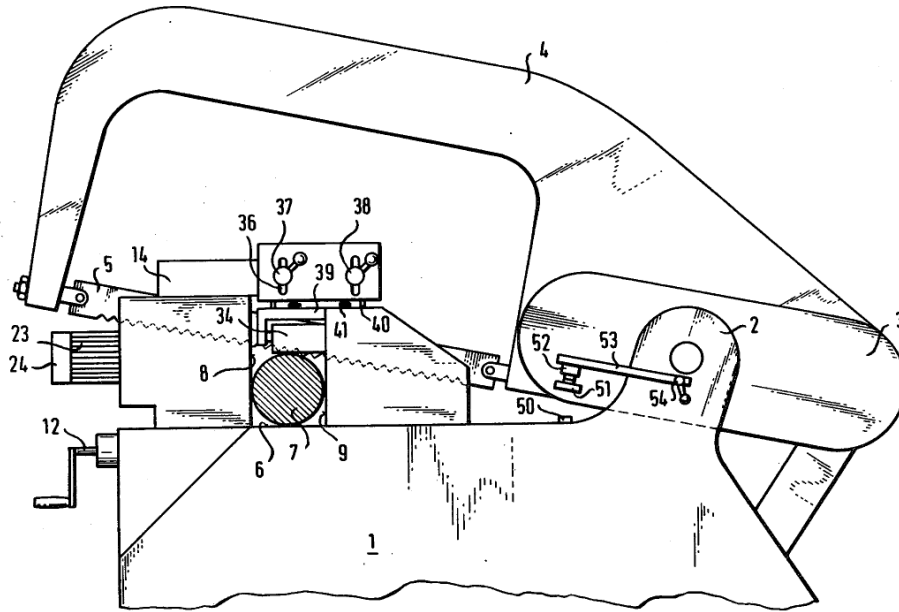
B23D 49/211

Definition statement

This place covers:

Illustrative example of subject matter classified in this place:

Note, in the figure below, the pivoting of the reciprocating saw carriage.



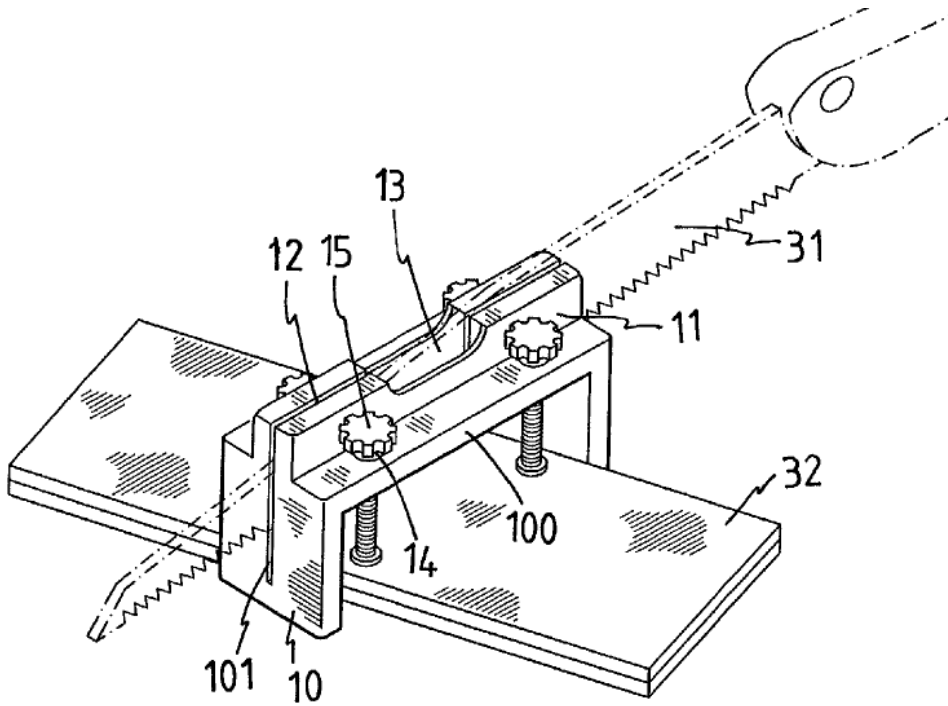
B23D 51/026

Definition statement

This place covers:

Illustrative example of subject matter classified in this place:

Note, in the figure below, how a guide is contacting both sides of the reciprocating blade.



B23D 51/027

Definition statement

This place covers:

Adjustment providing a wider or narrower space for the blade, or for part of the tool that moves with the blade, or for the workpiece.

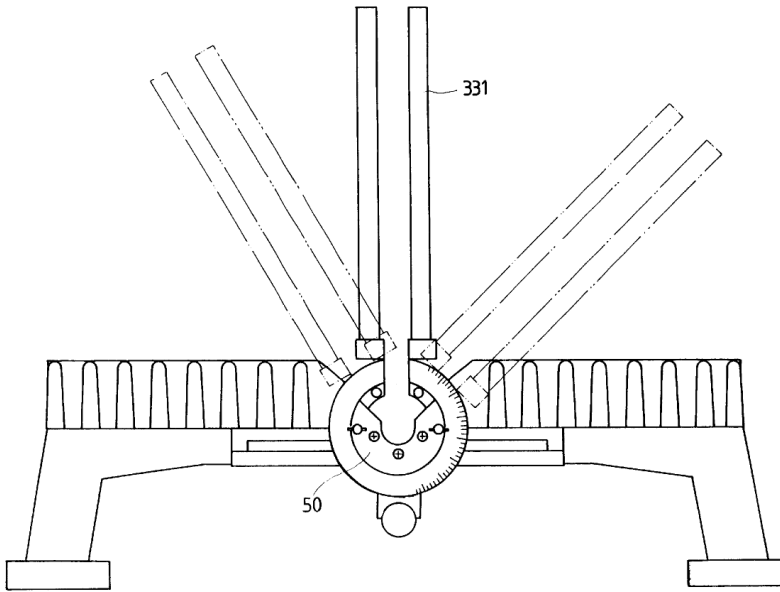
B23D 51/028

Definition statement

This place covers:

Illustrative example of subject matter classified in this place:

Note, in the figure below, the horizontal pivot axis.



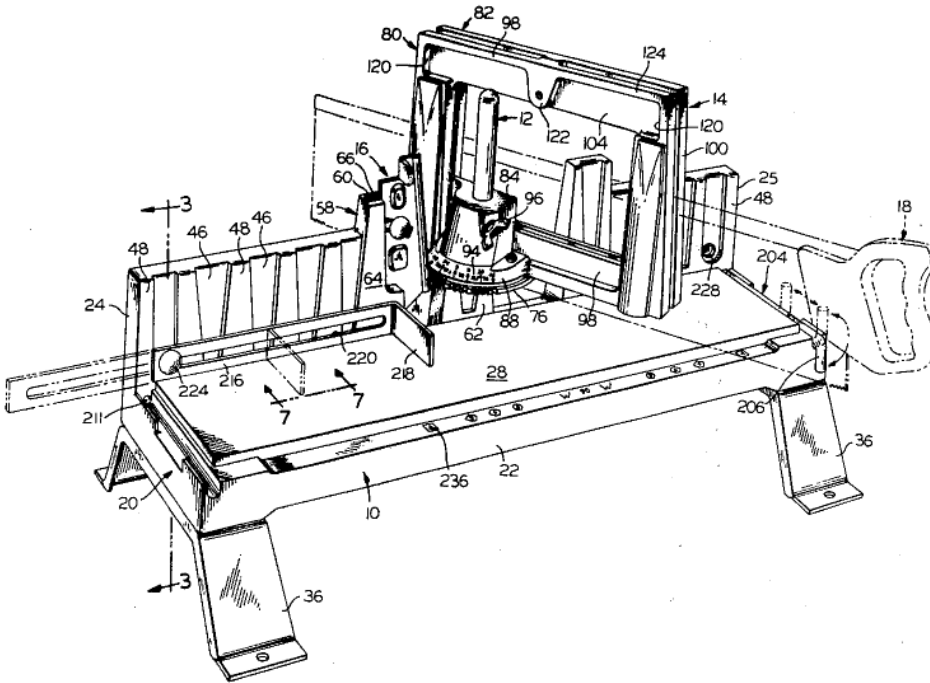
B23D 51/029

Definition statement

This place covers:

Illustrative example of subject matter classified in this place:

Note, in the figure below, the vertical pivot axis.



B23D 51/161

Definition statement

This place covers:

Devices provided with a counterbalancing means to negate or neutralize the kinetic effect of the tool.

B23D 51/1615

Definition statement

This place covers:

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Devices provided with dampers, springs or similar mechanisms to dissipate, or render less harmful, the vibrations or "jars" caused by the to-and-fro movements of the tool. These mechanisms could be in the drive train, the housing, the handle or elsewhere.

B23D 51/162

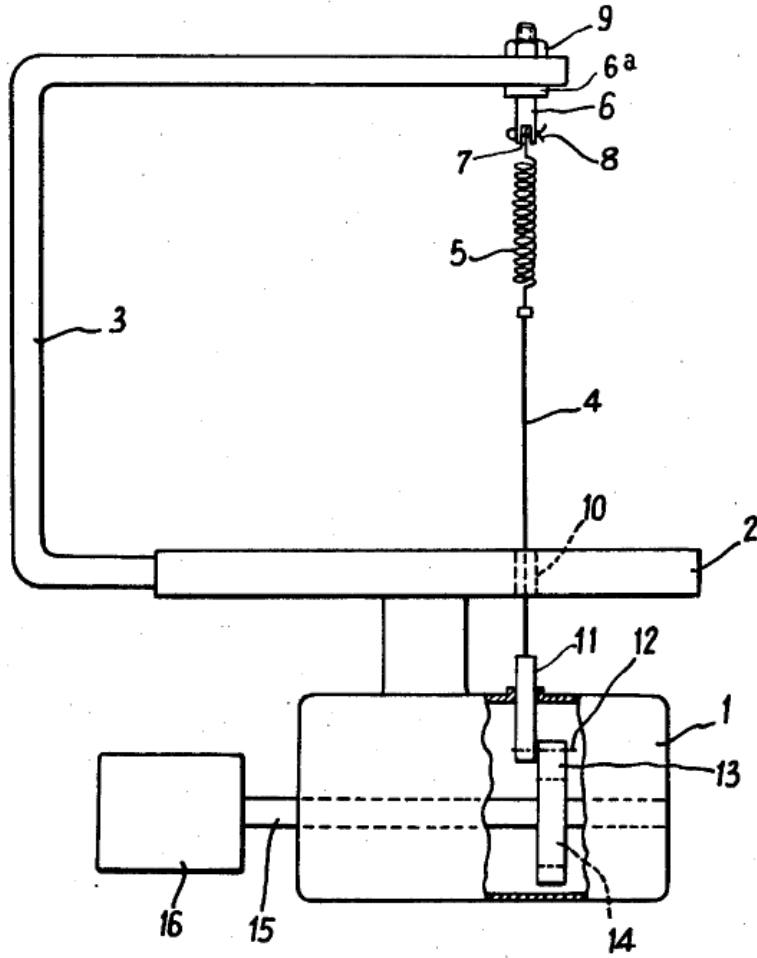
Definition statement

This place covers:

Devices having means which capture energy to move or assist in moving the tool in the opposite direction of the tool movement.

Illustrative example of subject matter classified in this place:

The energy storing mechanism is shown as a spring (5) in the figure below.



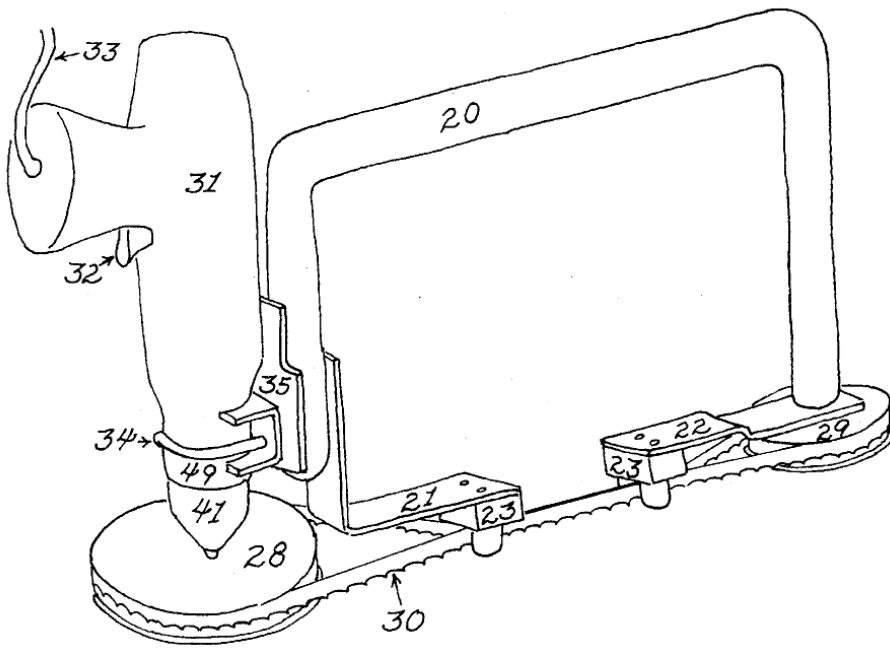
B23D 53/0051

Definition statement

This place covers:

Illustrative example of subject matter classified in this place:

Note, in the figure below, how one blade section abuts another blade section, but is running in the opposite direction.



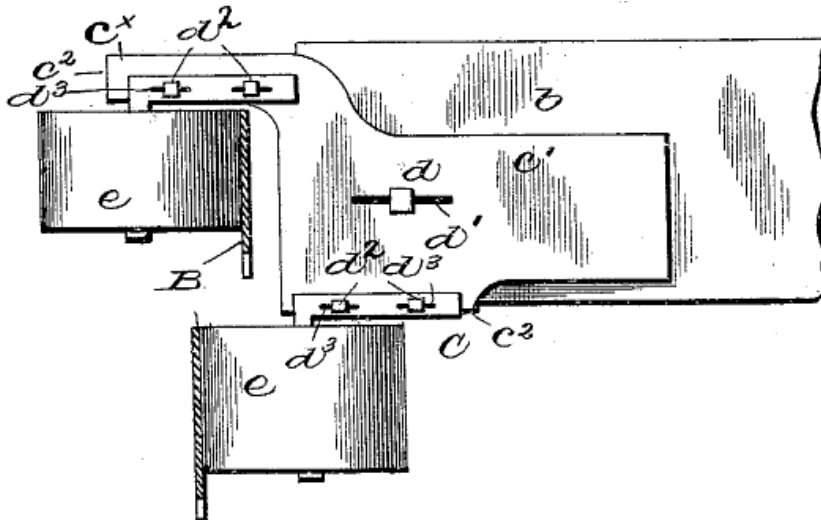
B23D 53/0052

Definition statement

This place covers:

Illustrative example of subject matter classified in this place:

Note, in the figure below, how the two blades (B) can have their spacing adjusted left and right.



B23D 53/0054

Definition statement

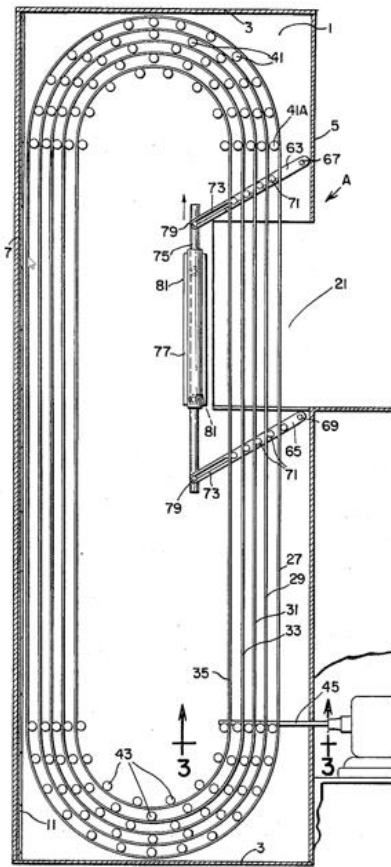
This place covers:

Devices wherein the space varying means is a member pivoted about a fulcrum.

Illustrative examples of subject matter classified in this place:

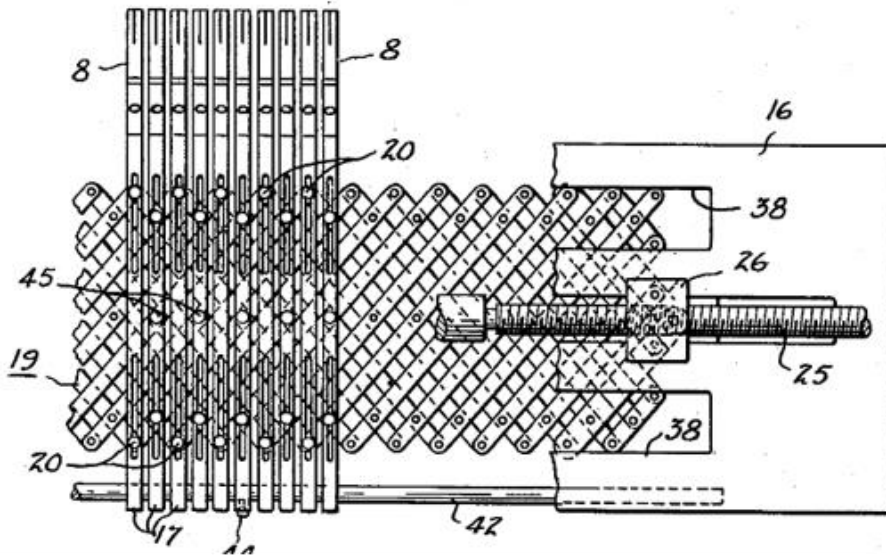
Note the levers (63,65).

1.



Note the scissoring levers (19).

2.



B23D 53/0056

Definition statement

This place covers:

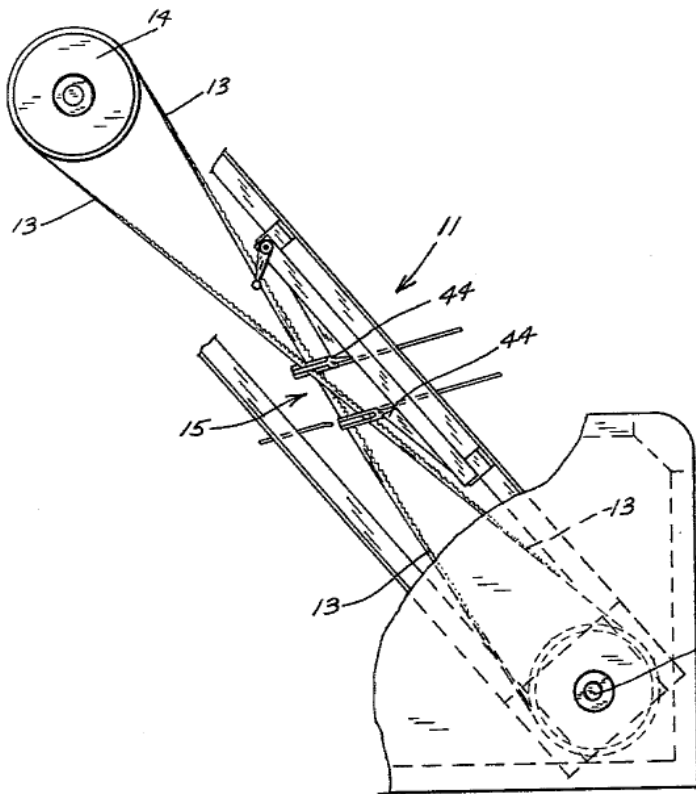
Devices wherein the space varying means is a member having a helical rib thereon that is mated with a second member so that relative rotation between the members varies the spacing between cutting spans.

B23D 53/0058

Definition statement

This place covers:

Illustrative example of subject matter classified in this place:



B23D 53/028

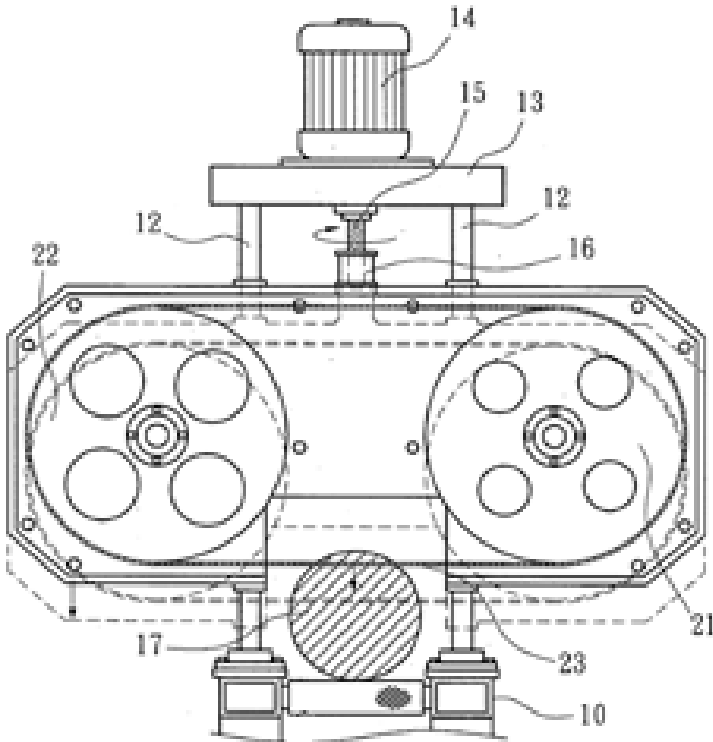
Definition statement

This place covers:

Devices in which the distance between the plane of the cutting span and the plane of the work support surface is changed such that the distance between the cutting span and the work support surface is varied while maintaining the orientation between the cutting span and the support surface.

Illustrative example of subject matter classified in this place:

Note, in the figure below, the positional change shown in phantom.



B23D 53/049

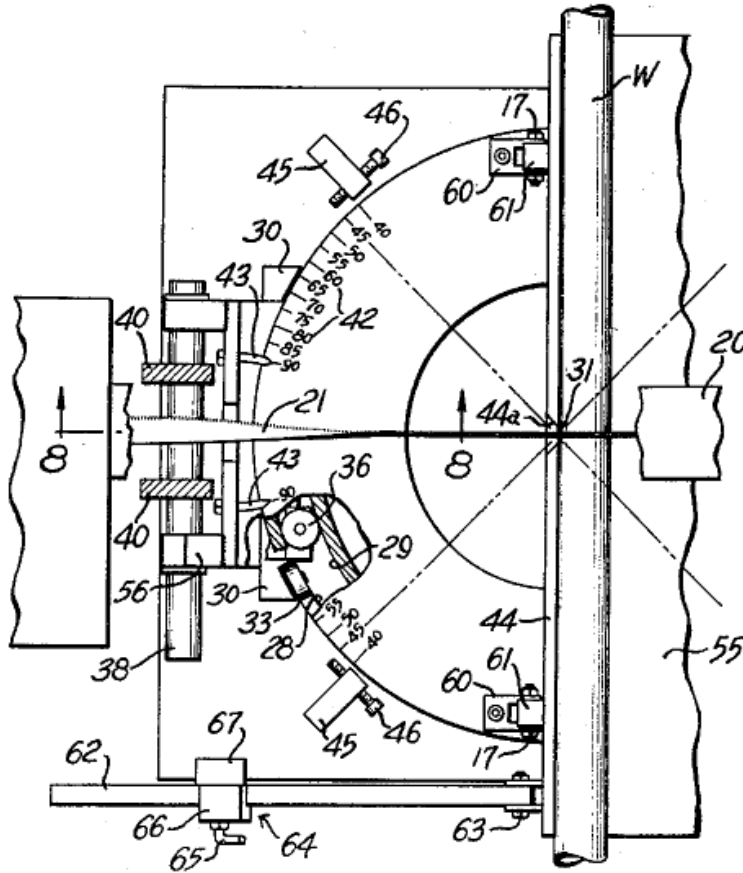
Definition statement

This place covers:

Angularly adjustable band saw blades which in addition to pivoting or shifting during sawing, the band saw can also pivot to adjust the angle of the cut.

Illustrative example of subject matter classified in this place:

Note, in the below figure, how the blade (21) can change angles relative to workpiece (W).



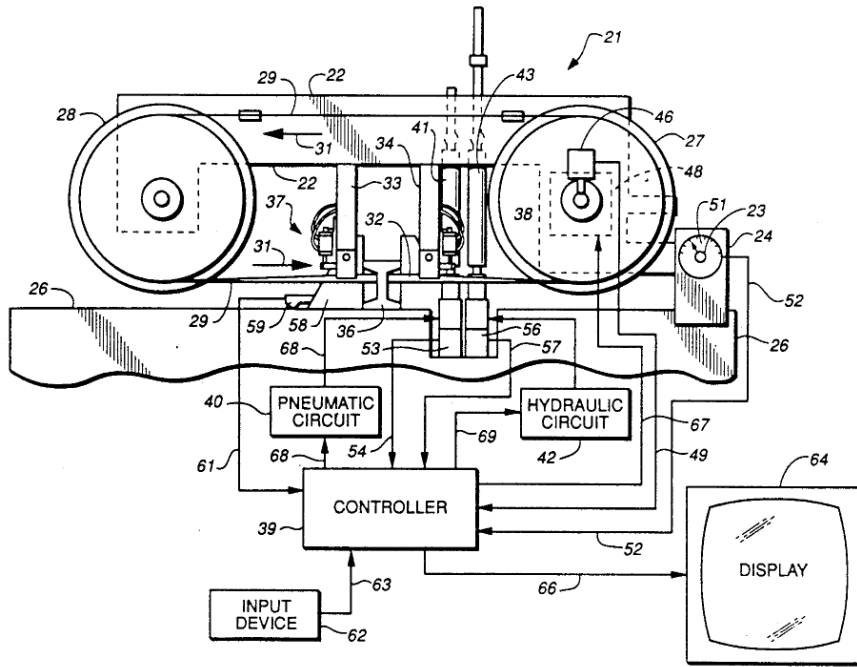
B23D 55/089

Definition statement

This place covers:

Illustrative example of subject matter classified in this place:

Note, in the figure below, where a hydraulic and pneumatic cylinder control the advancement of the blade through the workpiece.



B23D 55/102

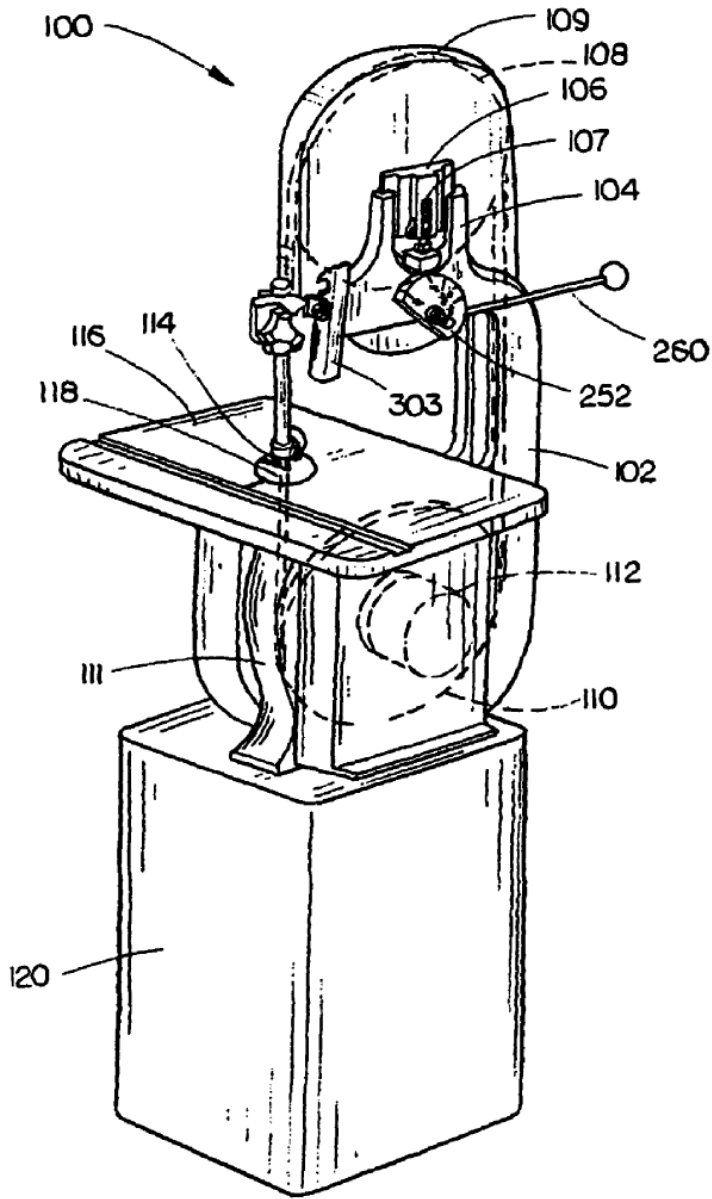
Definition statement

This place covers:

Illustrative examples of subject matter classified in this place:

Note, in figure 1 below, a cam (252) is used to change the distance between one pulley and the other.

1.



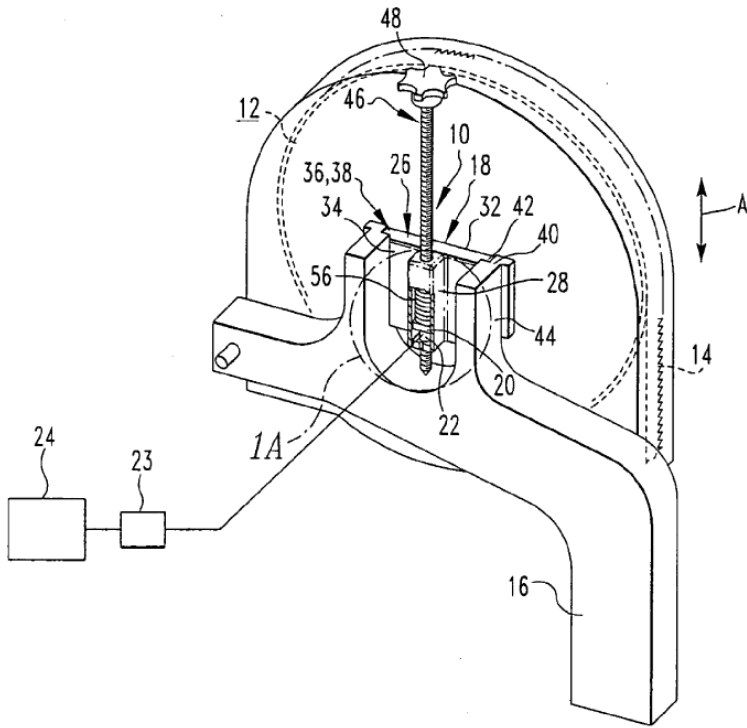
Note, in figure 2 below, a screw adjustment (10) for adjusting the distance between the pulleys.

2.

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B23D 55/104

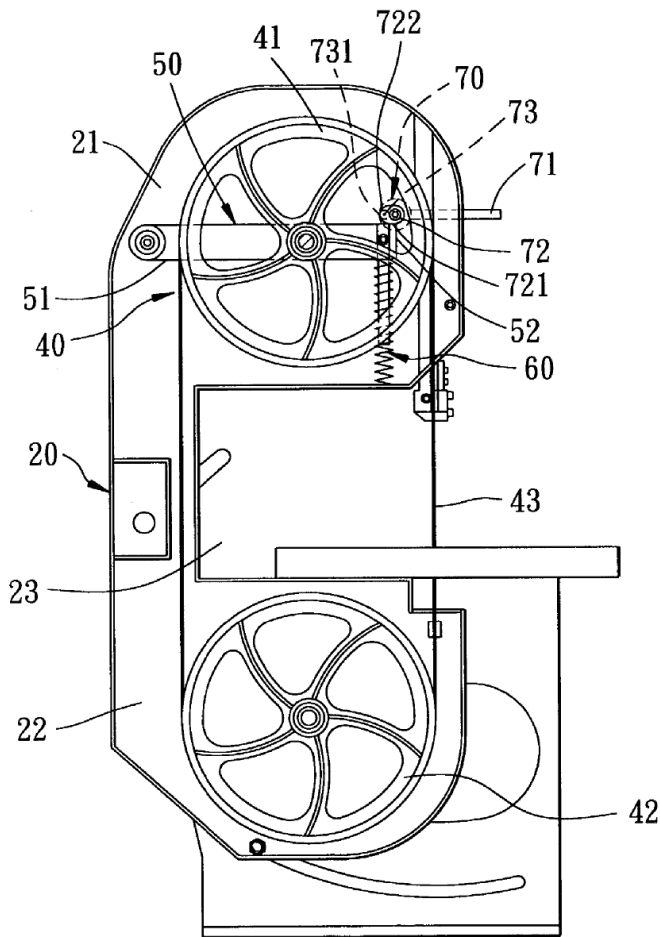
Definition statement

This place covers:

Yieldable biasing means, e.g. hydraulics, counterweights, springs.

Illustrative example of subject matter classified in this place:

Note the spring (60) in the figure below.



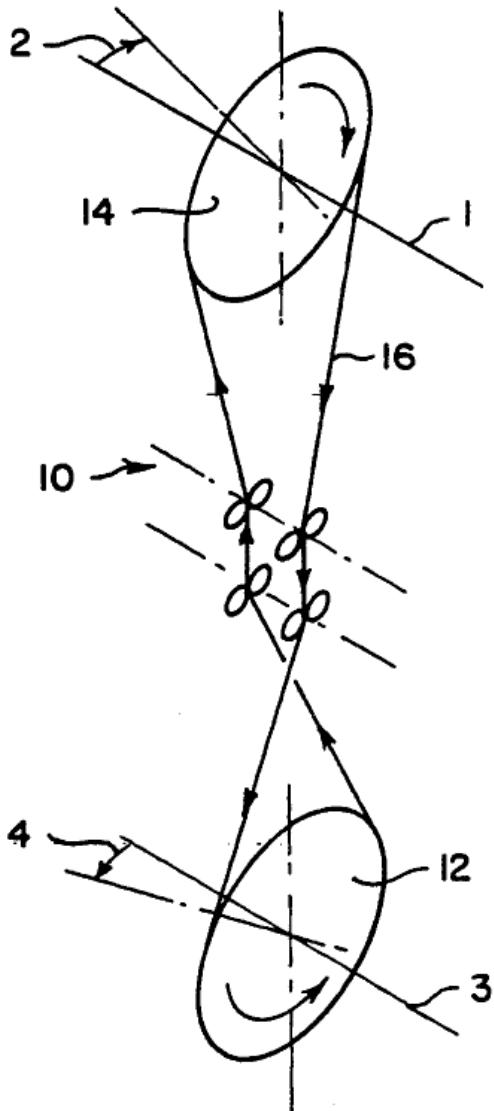
B23D 55/122

Definition statement

This place covers:

Illustrative example of subject matter classified in this place:

Note the angle changes (2,4) in the figure below.



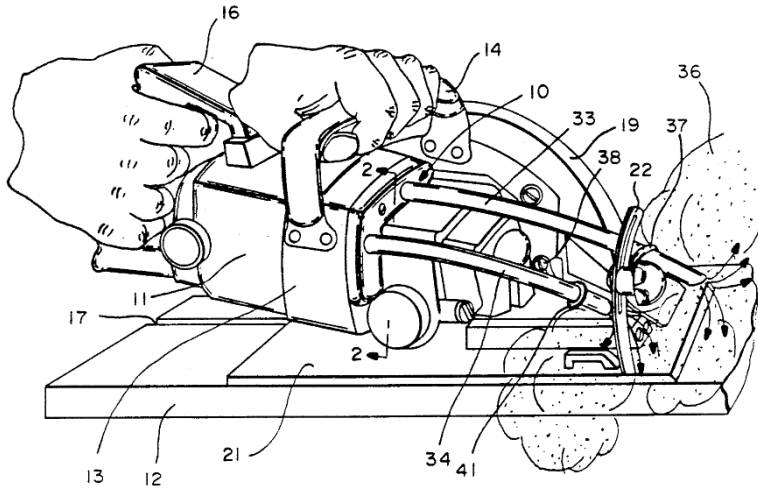
B23D 59/0062

Definition statement

This place covers:

Illustrative example of subject matter classified in this place:

Note, in the figure below, the tubes (33,34) that blow air against the sawdust.



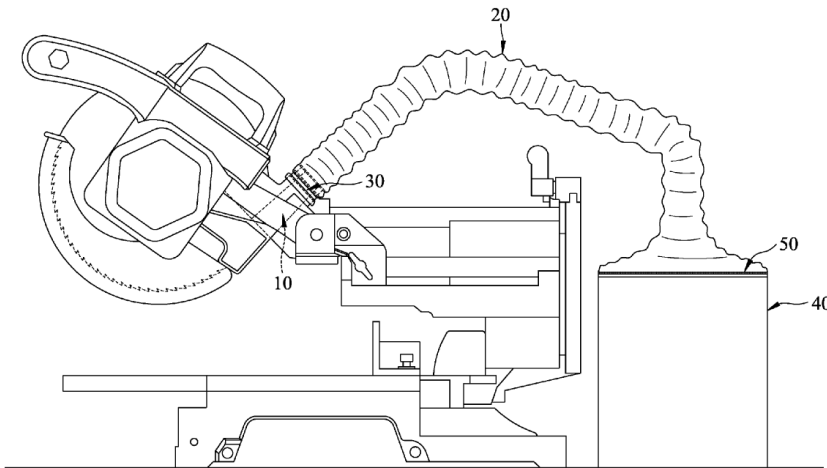
B23D 59/0064

Definition statement

This place covers:

Illustrative example of subject matter classified in this place:

Note, in the figure below, the tube (20) that sucks the sawdust away from the saw.



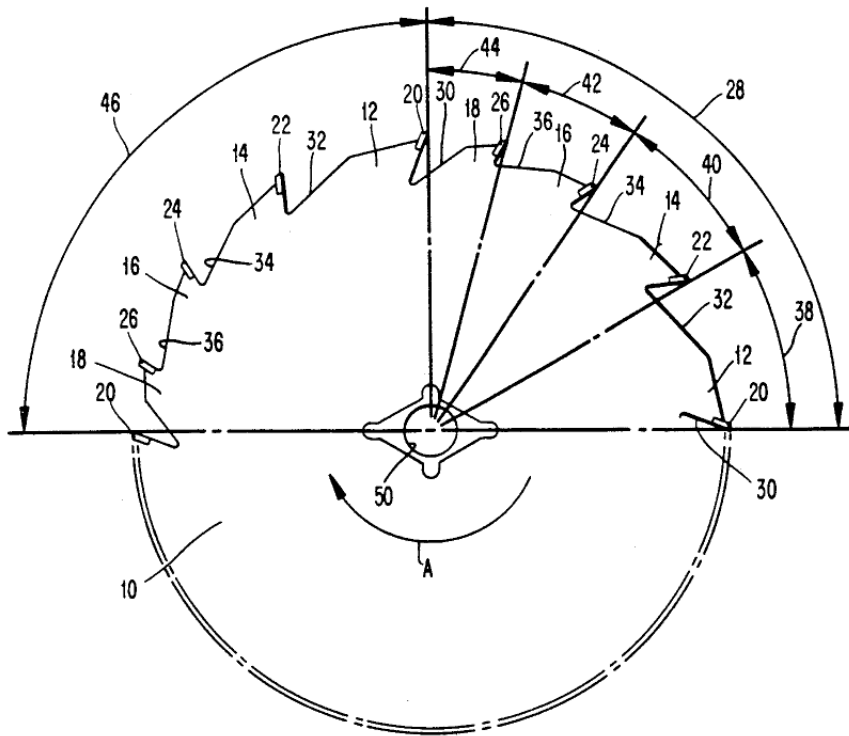
B23D 61/0212

Definition statement

This place covers:

Saw blades where the distance between teeth varies in the direction of travel.

Illustrative example of subject matter classified in this place:



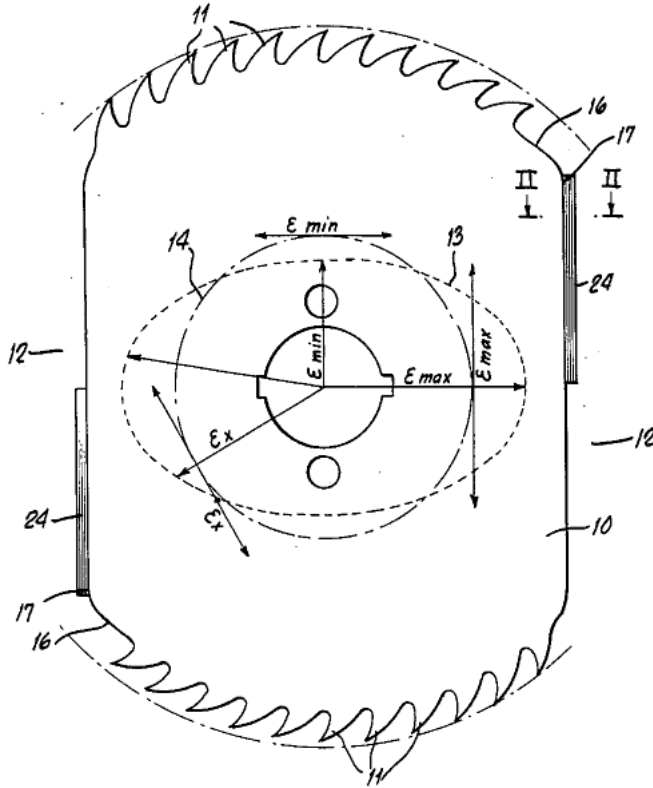
B23D 61/0214

Definition statement

This place covers:

Saw blades where the distance from a tooth tip to the center of rotation varies from one tooth to another tooth.

Illustrative example of subject matter classified in this place:



B23D 61/022

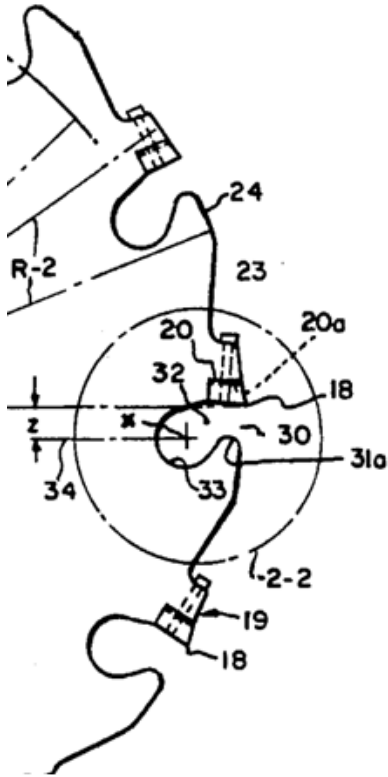
Definition statement

This place covers:

Saw blades having a depth limiter that prevents the cutting tooth from penetrating further into the workpiece.

Illustrative example of subject matter classified in this place:

Note, in the figure below, element (24) acts as a depth limiter.



B23D 61/0225

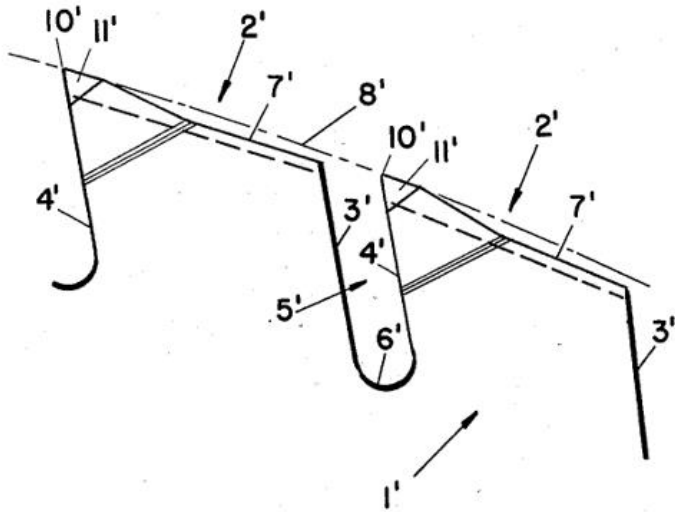
Definition statement

This place covers:

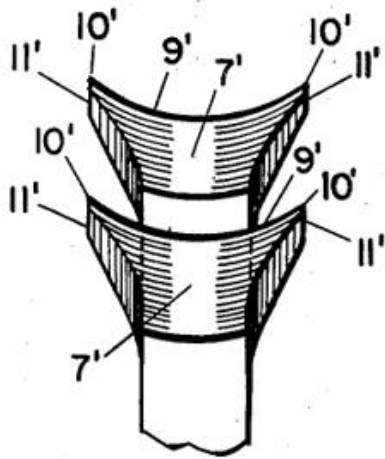
Illustrative examples of subject matter classified in this place:

Note, in the figures below (Fig. 1a and 1b), the cutting edge (9' in Fig. 1b) is curved in a direction transverse to the plane of the blade.

1a.

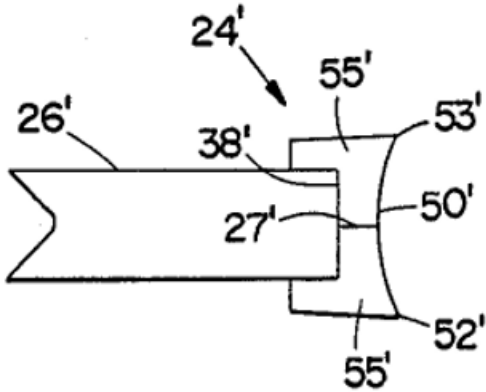


1b.



Note, in Fig. 2 below, the cutting edge (50') is curved in a direction transverse to the plane of the blade.

2.



B23D 61/027

Definition statement

This place covers:

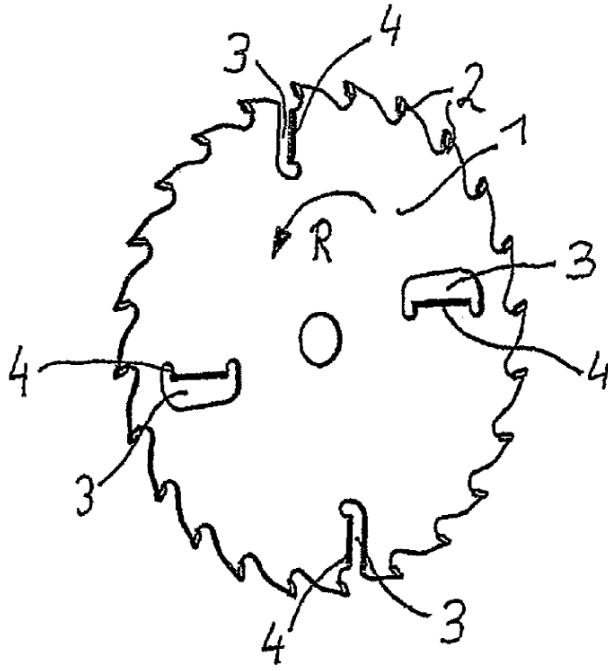
Illustrative example of subject matter classified in this place:

Note elements (4) in the figure below.

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B23D 61/0275

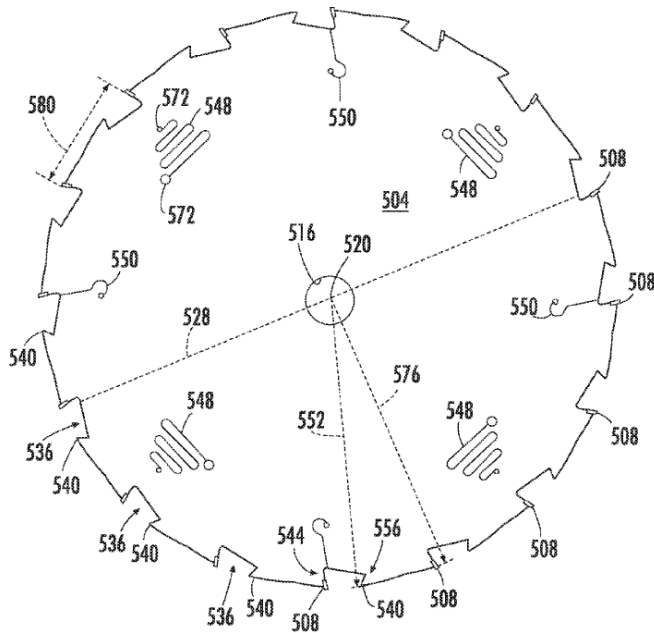
Definition statement

This place covers:

Slots on the saw blade body for reducing tension or vibration. The slots could extend to the periphery.

Illustrative example of subject matter classified in this place:

Note slots (548, 550) in the figure below.



B23D 61/071

Definition statement

This place covers:

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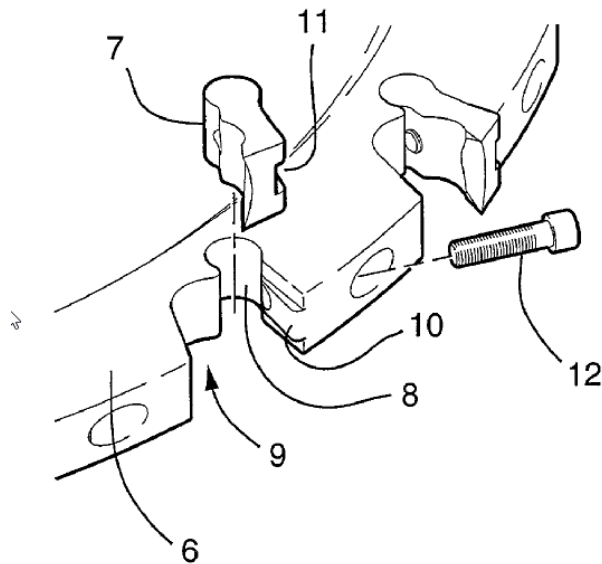
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Saw blades having at least one independent connecting element, e.g. a bolt, that is separable from the saw blade body for connecting a tooth.

Illustrative examples of subject matter classified in this place:

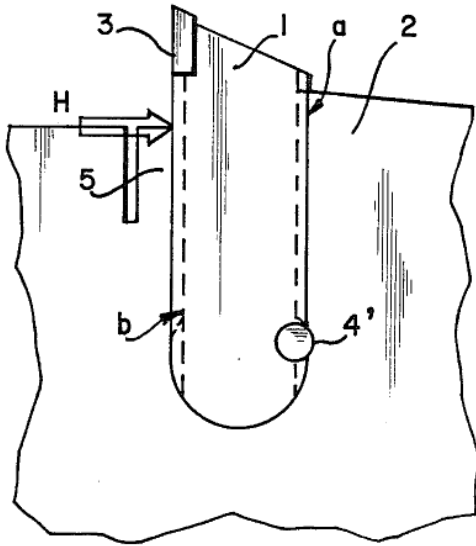
Note, in Fig. 1 below, connecting element 12, but could be any element so long as it is separable from the saw blade body.

1.



Note, in Fig. 2 below, connecting element 4.

2.



B23D 61/075

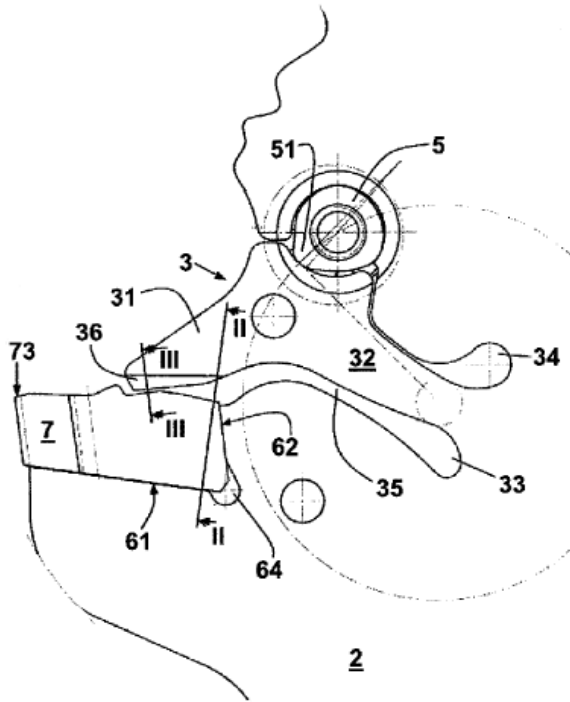
Definition statement

This place covers:

Circular saw blades with exchangeable inserted saw teeth connected by a flexible portion that could be part of the tooth, of the blade body or of a connecting element.

Illustrative example of subject matter classified in this place:

Note flexible element 3 in the figure below.



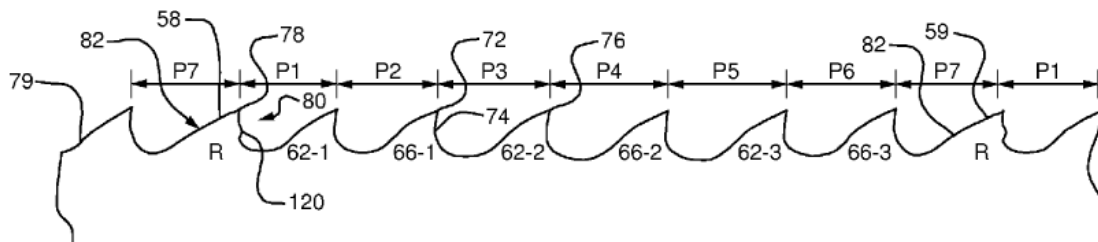
B23D 61/1212

Definition statement

This place covers:

Saw blades where the distance between teeth varies in the direction of travel.

Illustrative example of subject matter classified in this place:



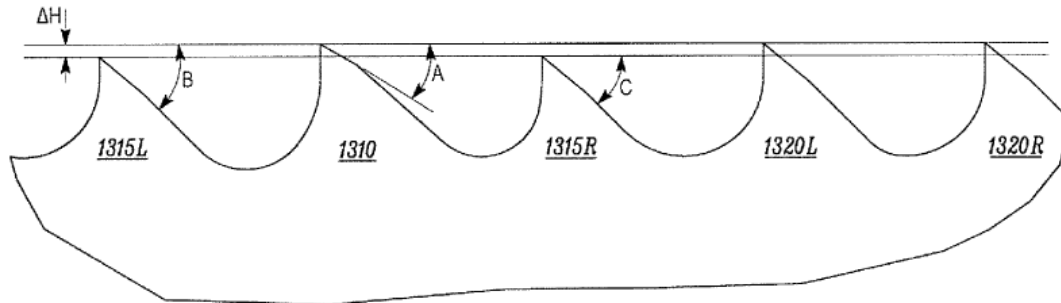
B23D 61/1214

Definition statement

This place covers:

Saw blades where the height of one tooth varies from the height of another tooth.

Illustrative example of subject matter classified in this place:



B23D 61/1216

Definition statement

This place covers:

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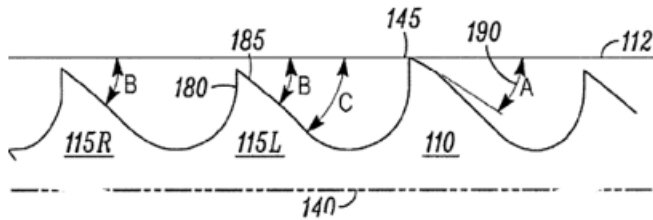
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Saw blades having repeating patterns of groups of teeth, where each group of teeth includes at least three teeth. Within a group of three or more teeth, there is a variance among the teeth, and the variance can include tooth width, angle, height, set or other change that affects the size or position of a cutting edge of the tooth.

Illustrative example of subject matter classified in this place:

In Fig. 1a below, note the variance between the 3 tooth angles shown in side view

1a.

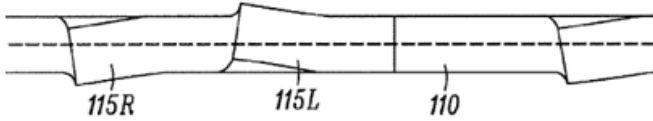


In Fig. 1b below, shown in top view of the detail of Fig. 1a, is a simple example of a repeating group of teeth with left-set, right-set, no-set.

1b.

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B23D 61/1217

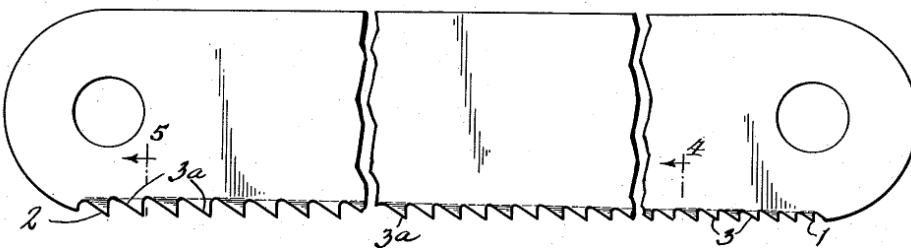
Definition statement

This place covers:

Reciprocating blades having plurality of tooth sections that are large enough such that only one section engages the workpiece at a time.

Illustrative example of subject matter classified in this place:

Note, in the figure below, the different tooth sizes in each section in the blade.



B23D 61/1218

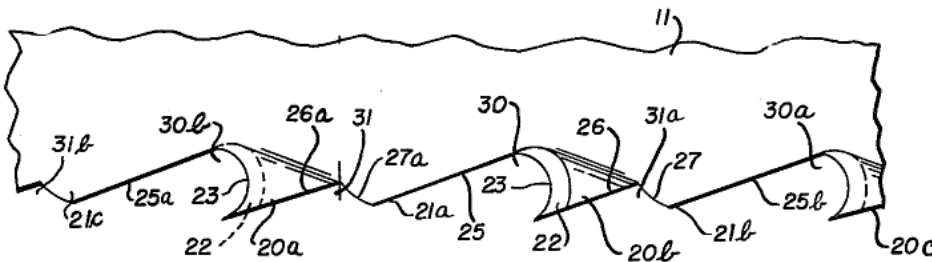
Definition statement

This place covers:

Linear saw blades having a depth limiter that prevents the cutting tooth from penetrating further into the workpiece.

Illustrative example of subject matter classified in this place:

Note elements 21a, 21b, 21c shown in the figure below that act as depth limiters.



B23D 61/1219

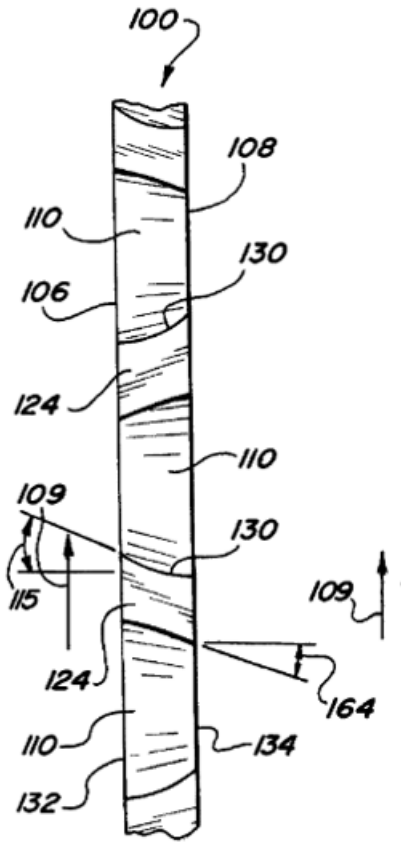
Definition statement

This place covers:

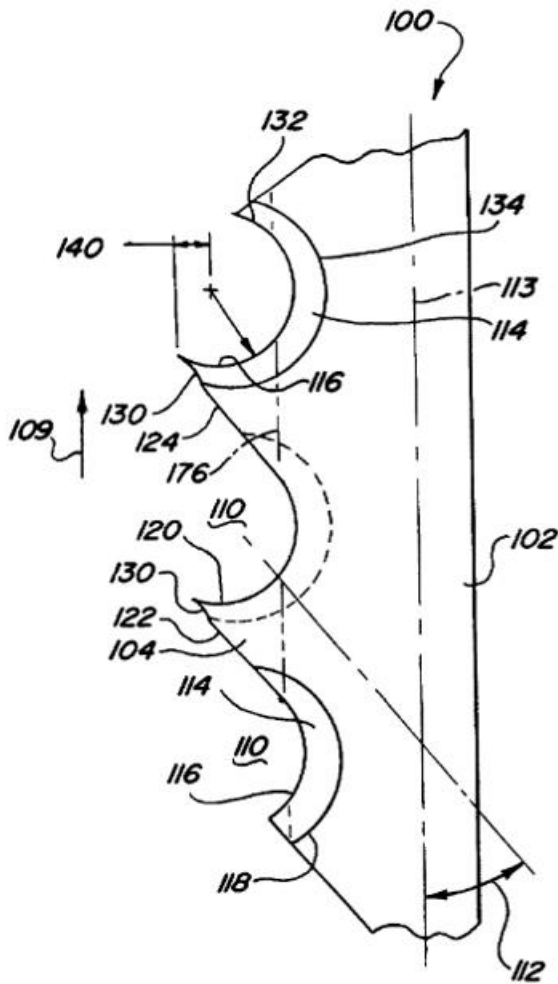
Illustrative example of subject matter classified in this place:

Note, in the figures (1a - cross section view and 1b side view) shown below, a transversely curved cutting edge (130).

1a.



1b.



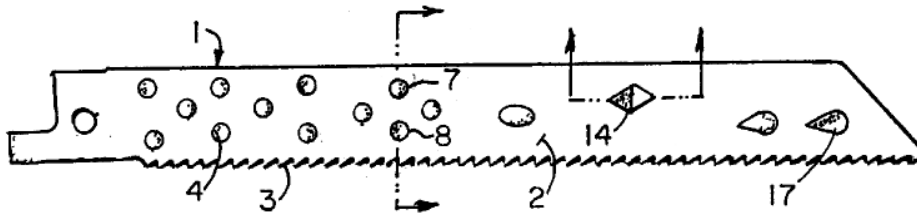
B23D 61/124

Definition statement

This place covers:

Illustrative example of subject matter classified in this place:

Note, in the figure below, elements 4.



B23D 61/1245

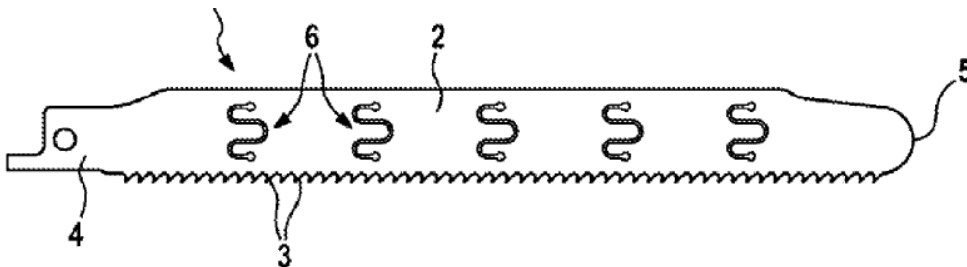
Definition statement

This place covers:

Slots on the saw blade for reducing tension or vibration. The slots can extend to the blade edge.

Illustrative example of subject matter classified in this place:

Note, in the figure below, slots 6.



B23D 61/1265

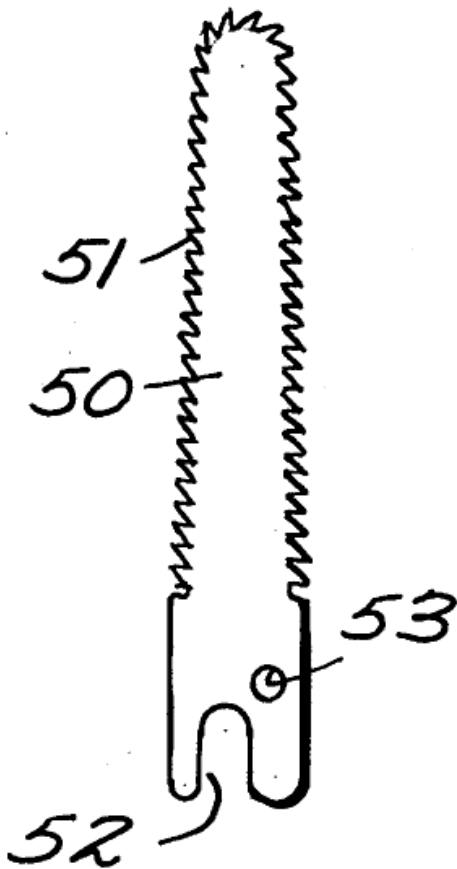
Definition statement

This place covers:

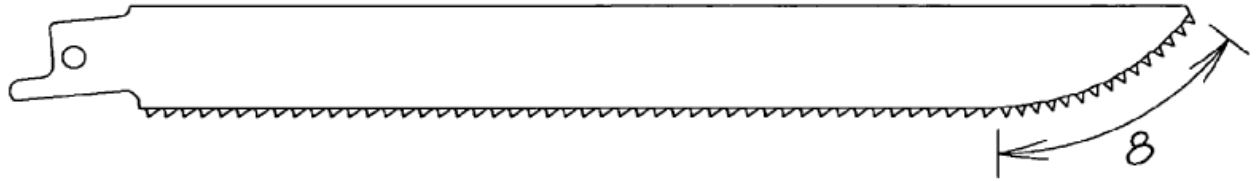
Saw blades having noses with teeth on them that enables a user to start making a cut in the middle of a planar workpiece.

Illustrative examples of subject matter classified in this place:

1.



2.



B23D 61/171

Definition statement

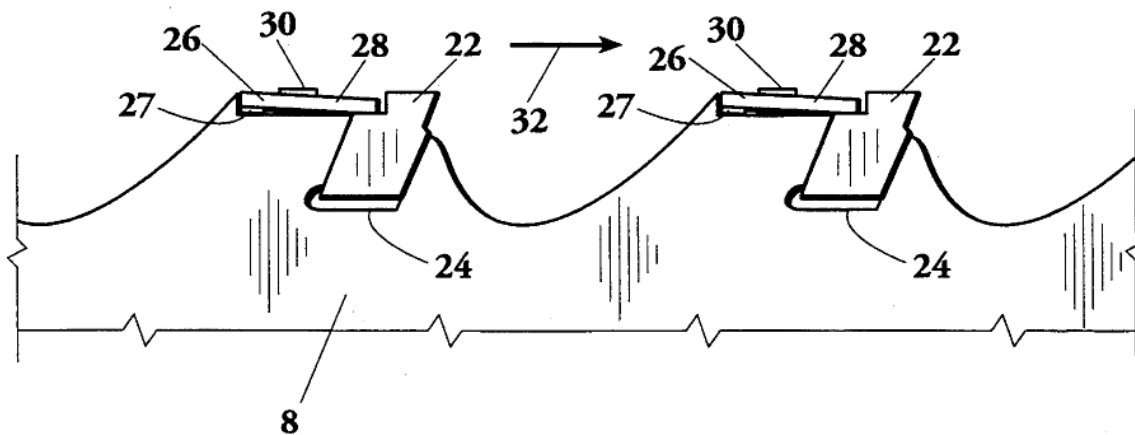
This place covers:

Saw blades having exchangeable saw teeth, where the teeth are connected to the saw blade body with at least one independent connecting element. The connecting element is most often a bolt, but can be any element that is separable from the saw blade body.

Illustrative examples of subject matter classified in this place:

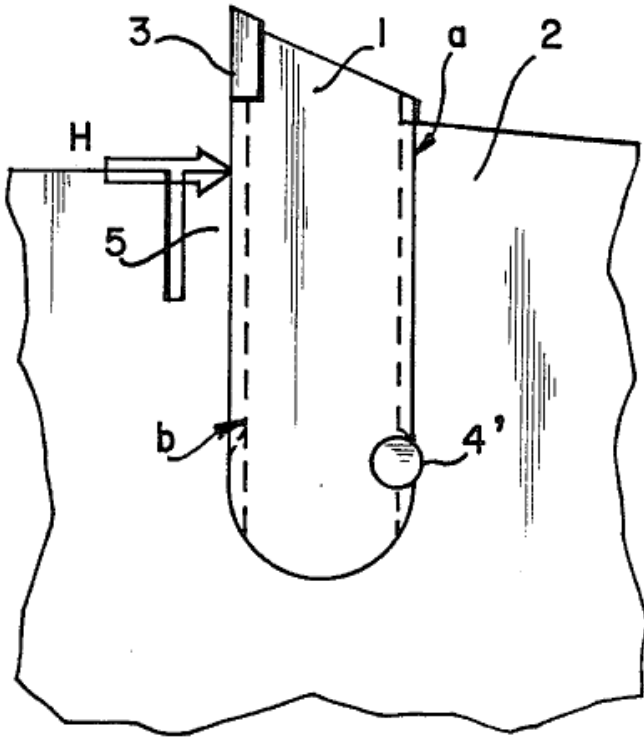
Note, in Fig. 1 below, connecting element 28 in Fig. 1 figure below.

1.



Note, in Fig. 2 below, connecting element 4'.

2.



B23D 61/175

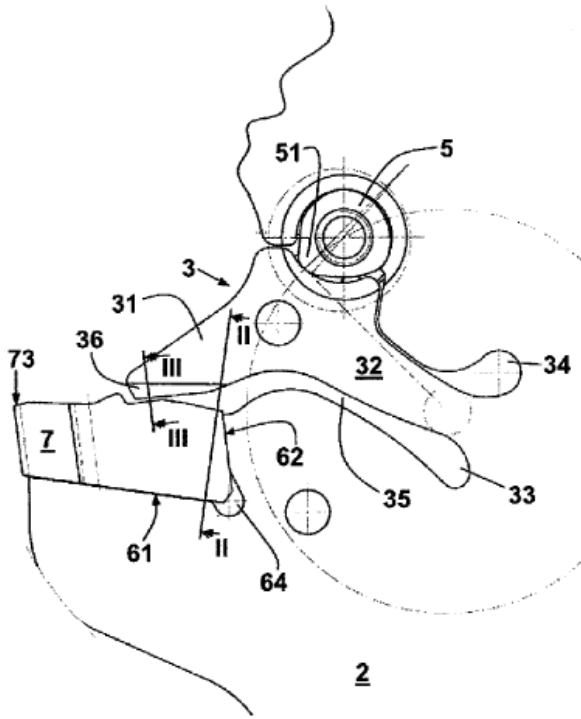
Definition statement

This place covers:

Saw blades having exchangeable saw teeth, where the teeth are connected to the saw blade body by a flexible portion, where the flexible portion can be part of the tooth, part of the blade body, or part of a connecting element.

Illustrative example of subject matter classified in this place:

Note, in the figure below, element 3 is flexible.



B23D 63/0055

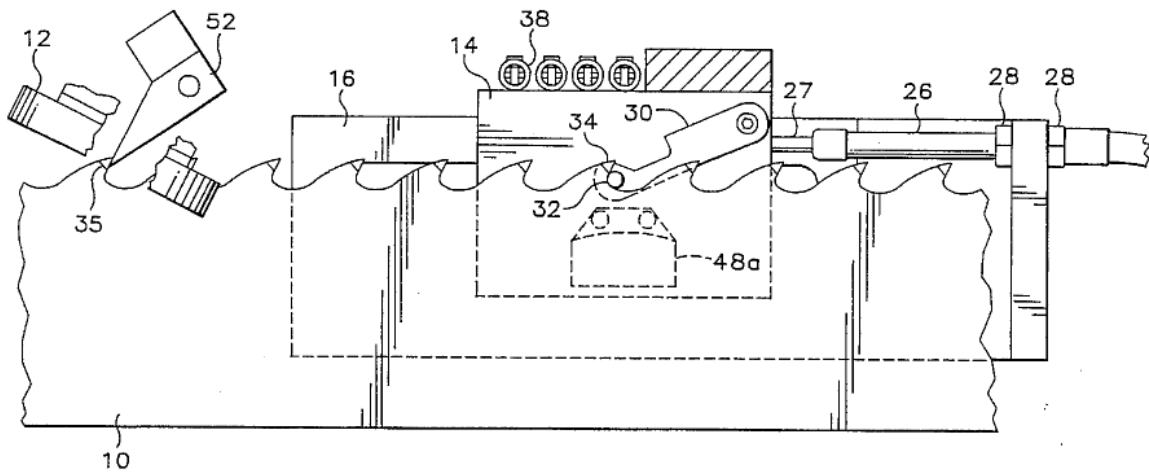
Definition statement

This place covers:

Mechanisms for feeding the saw to the devices which operate upon the saw handle or teeth, which comprise a reciprocating pawl or other means for engaging successive teeth of the saw to feed the saw forward.

Illustrative example of subject matter classified in this place:

Note, in the figure below, pawl 30 that engages teeth successively.



B23D 63/028

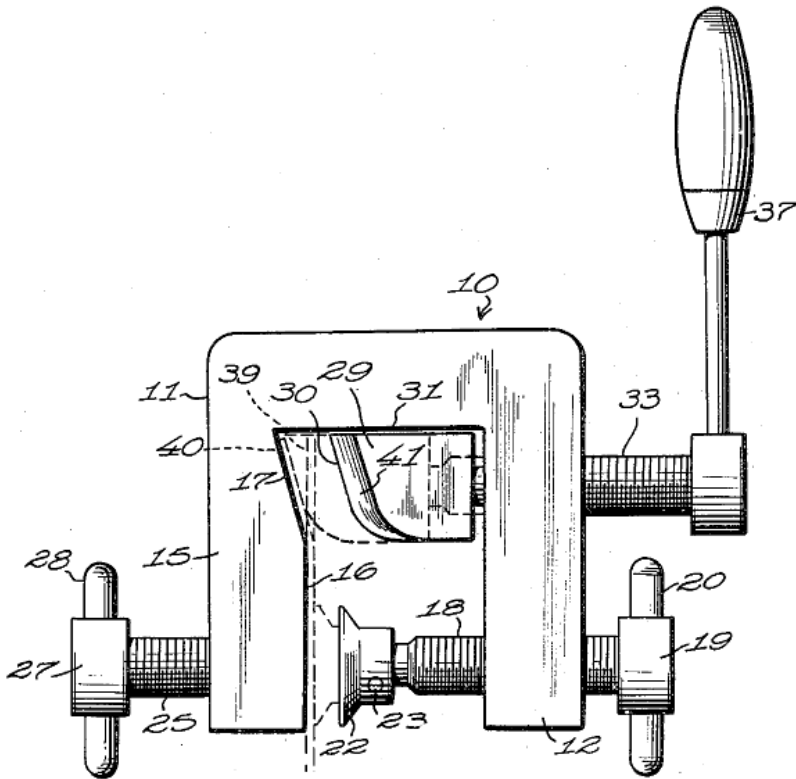
Definition statement

This place covers:

Machines in which the tooth-setting devices are forced into engagement with the teeth by means of a screw.

Illustrative example of subject matter classified in this place:

Note, in the figure below, screw 33.



B23D 63/042

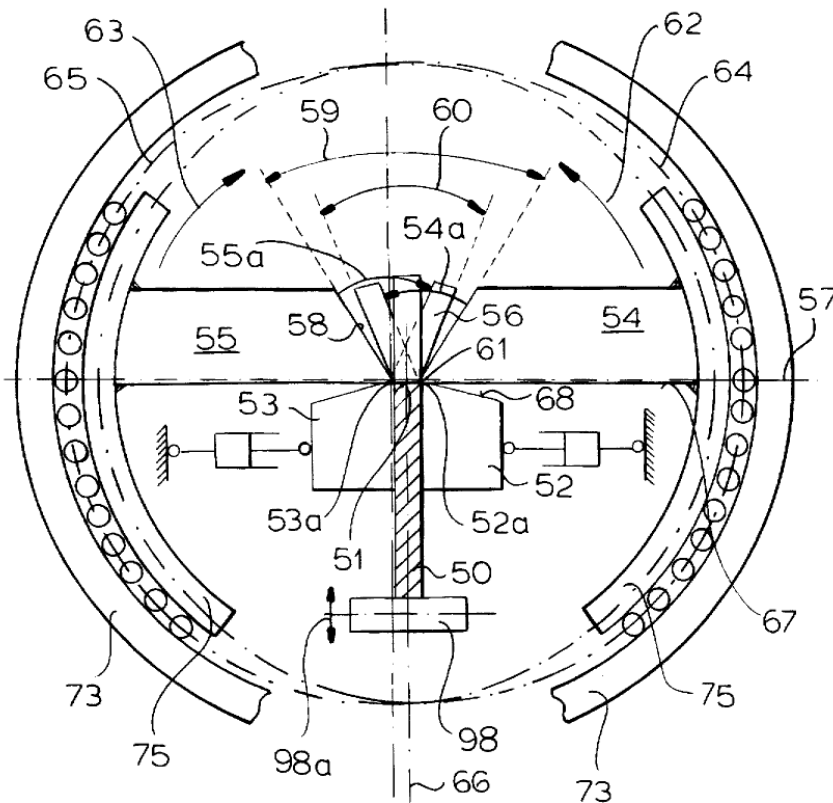
Definition statement

This place covers:

Machines in which the tooth-setting devices are forced into engagement with the teeth by a pivoting motion.

Illustrative example of subject matter classified in this place:

Note, in the figure below, elements 54 and 55, which pivot along arrows 62,63.



B23D 63/044

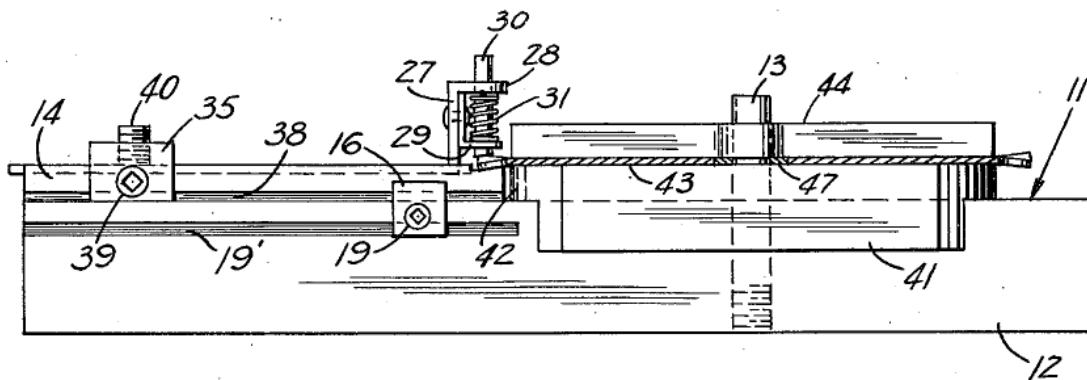
Definition statement

This place covers:

Machines in which the tooth-setting devices are linearly sliding into engagement with the teeth.

Illustrative example of subject matter classified in this place:

Note, in the figure below, element 30 which slides vertically.



B23D 63/046

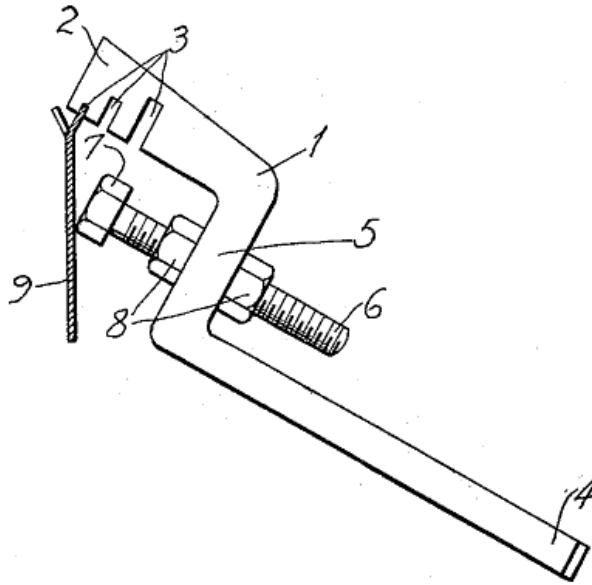
Definition statement

This place covers:

Machines and implements having means for embracing the tooth, the lateral (or oscillating) movement of the device serving to bend the tooth to the proper set without the cooperation of an anvil. Machines and implements covered by this classification place are mainly manual devices, but some powered devices are covered also by this group.

Illustrative example of subject matter classified in this place:

Note, in the figure below, the tooth is embraced by the slot 3 and then bent, without the use of any anvil.



B23D 63/072

Definition statement

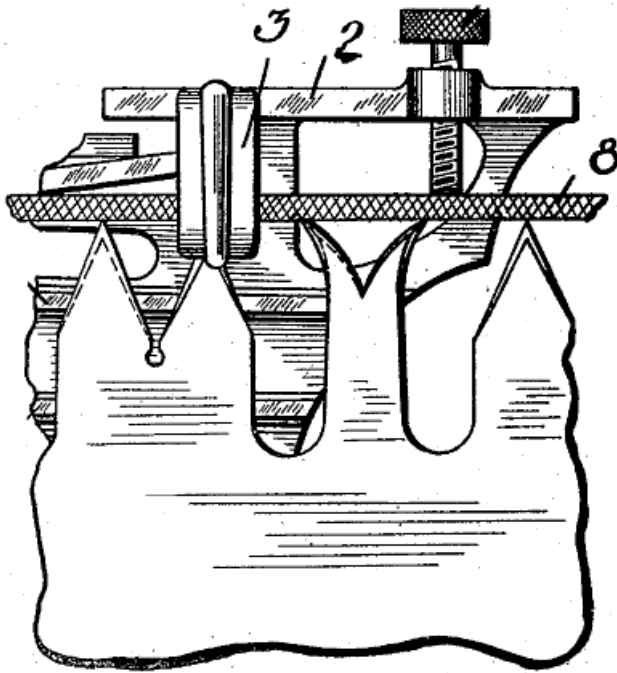
This place covers:

Furbishing apparatus for making the teeth a desired common height.

The jointing tool could also be things other than an abrading tool, such as a deforming tool.

Illustrative example of subject matter classified in this place:

Note, in the figure below, an abrading tool (8) can be used to set the tooth height.



B23D 65/045

Definition statement

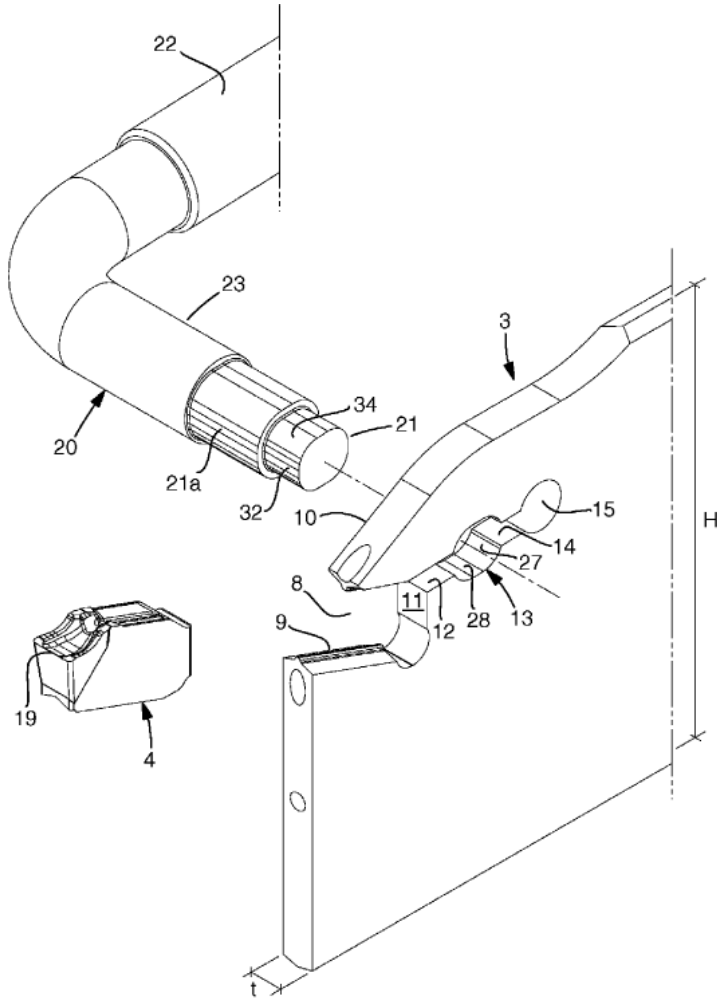
This place covers:

Tooth inserting tools especially adapted for inserting saw teeth into a saw blade or extracting saw teeth from the saw blade.

Illustrative examples of subject matter classified in this place:

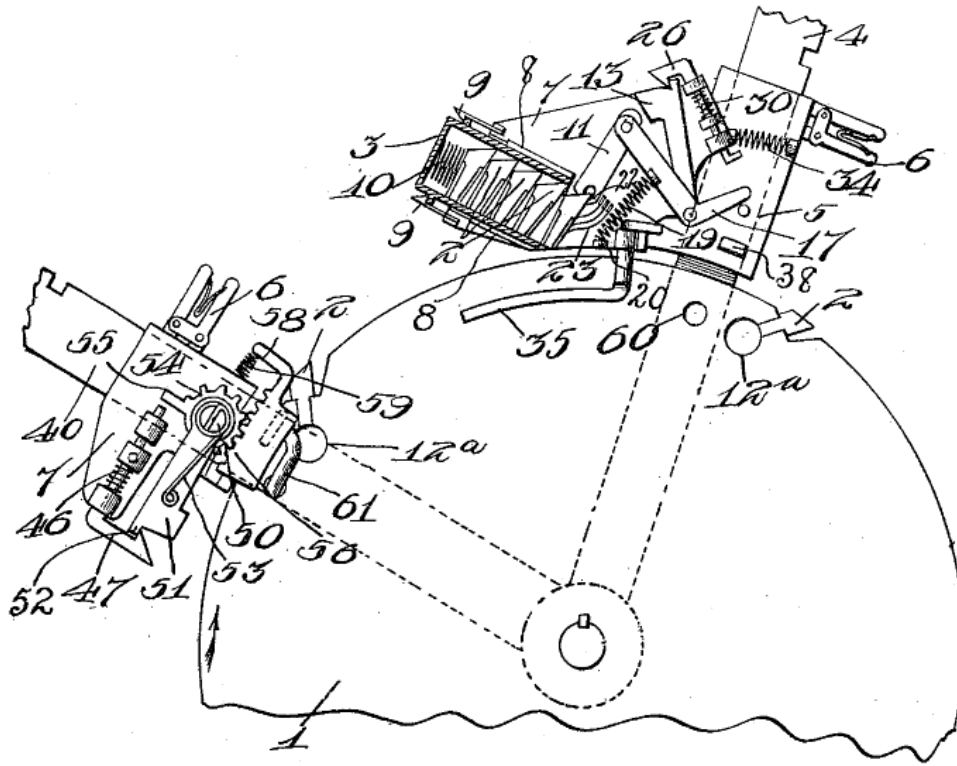
Note, as shown in Fig. 1 below, the tooth inserting tool could be a simple hand tool.

1.



Note, as shown in Fig. 2 below, the tooth inserting tool could be a more complicated machine.

2.



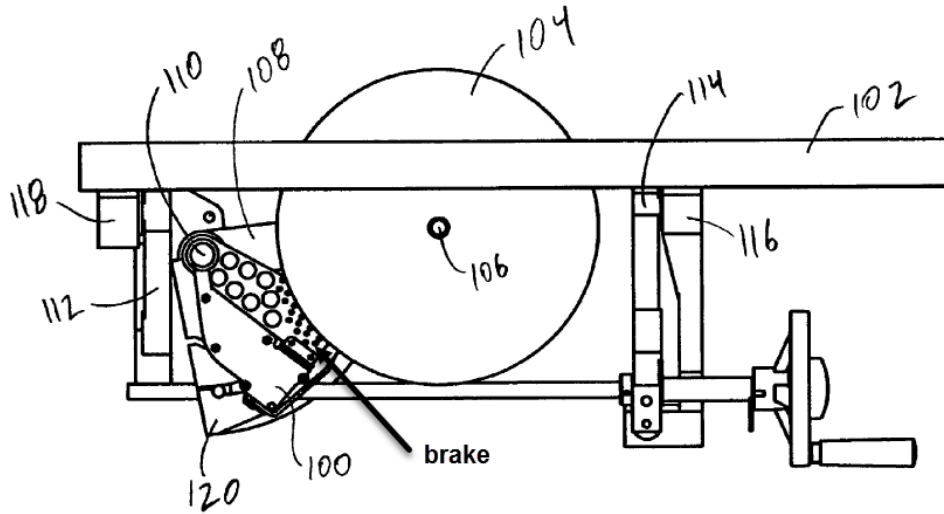
B27B 5/381

Definition statement

This place covers:

Circular saws including one or more brake members that touch the saw blade, such as touching at the teeth of the saw blade as in the image below, or touching at one or more sides of the saw blade.

Illustrative example of subject matter classified in this place:



B27B 13/141

Definition statement

This place covers:

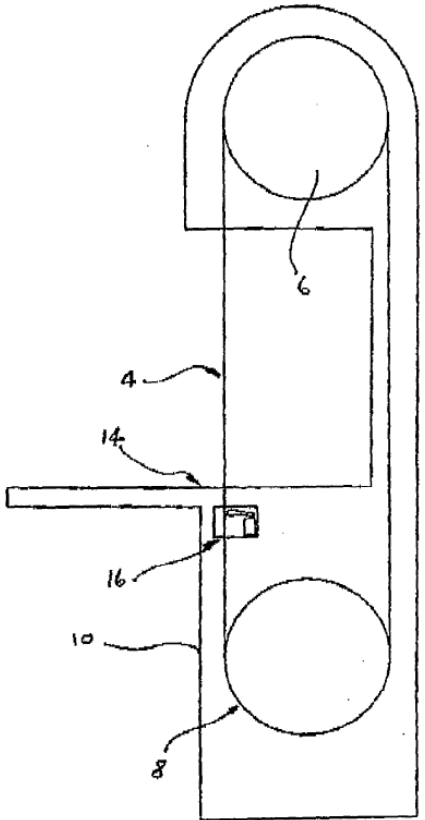
Band saws including one or more brake members that touch the band saw blade, such as touching at the teeth of the band saw blade, or touching at one or more sides of the band saw blade.

Illustrative example of subject matter classified in this place:

Note, in the figure below, a brake member 16 contacts the side of the sawing band 4.

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B27B 17/142

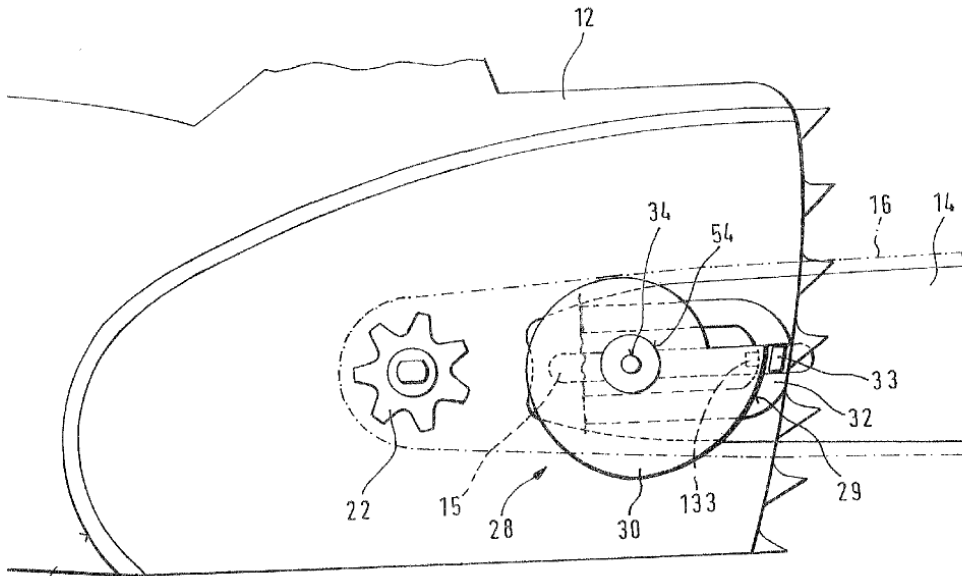
Definition statement

This place covers:

Arrangements for stretching a chain saw including at least one cam, where the cam can be a rotational or linear cam, and where the cam can include an internal or external camming surface.

Illustrative example of subject matter classified in this place:

Note, in the figure below, a rotational cam (30) with an external camming surface.



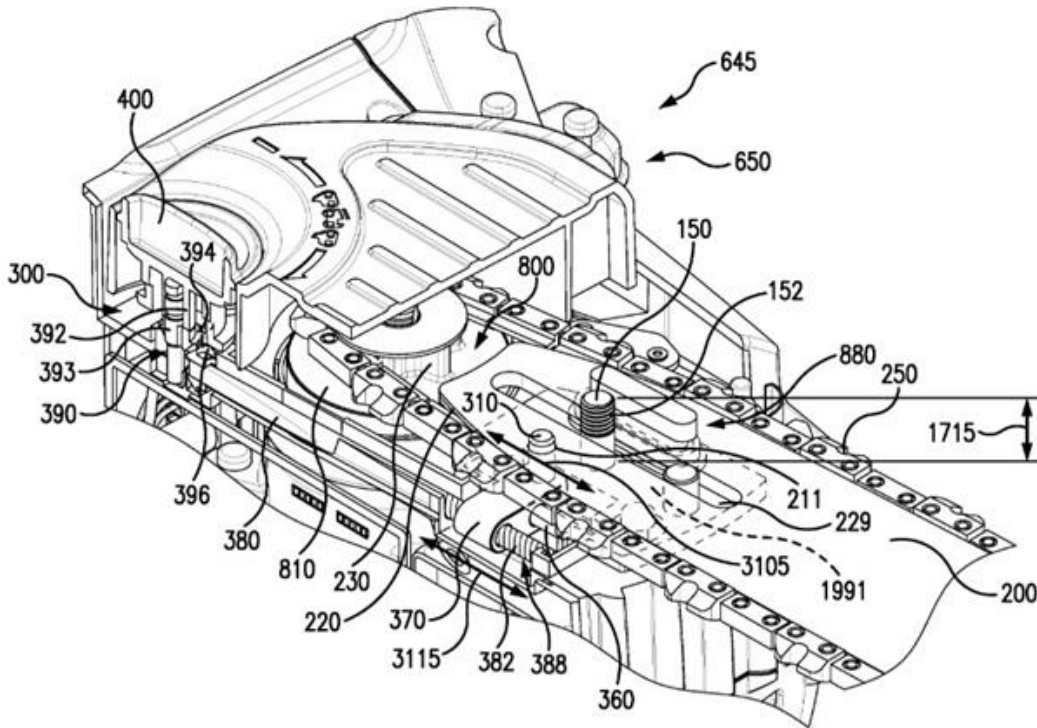
B27B 17/144

Definition statement

This place covers:

Illustrative example of subject matter classified in this place:

Note, in the figure below, threaded screw 382 is driven to rotate via rotation of knob 400, and rotation of the threaded screw 382 moves elements 310 and 370 in the direction of arrow 3105 to move guide bar 200 to adjust chain tension.



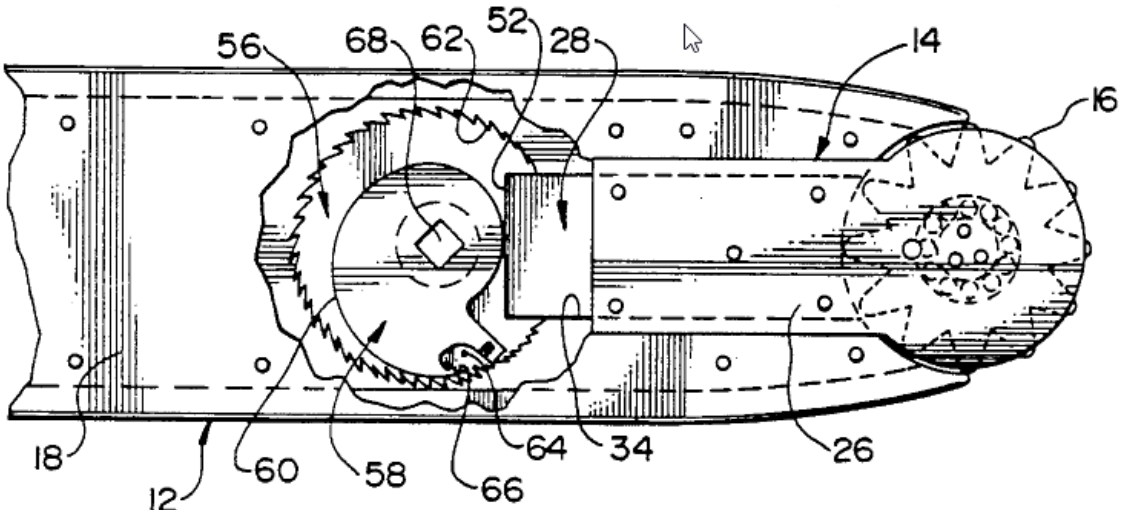
B27B 17/146

Definition statement

This place covers:

Illustrative example of subject matter classified in this place:

Note, in the figure below, where sprocket 16 is positionally adjusted relative to the guide bar 18, in order to tension the chain.



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B27G 19/008

Definition statement

This place covers:

Safety guards or devices that sense human contact or human proximity with the cutting blade, where examples of sensing human-to-blade contact include sensing capacitance or using imaging systems, and where examples of sensing human-to-blade proximity include using radar, sonar, lidar, light barriers, imaging systems, and abutable physical switches.

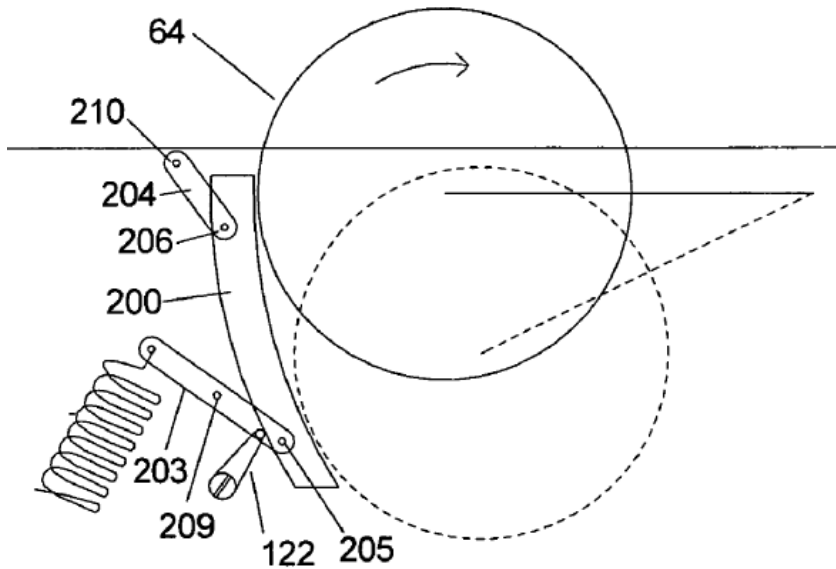
B27G 19/022

Definition statement

This place covers:

Illustrative example of subject matter classified in this place:

Note, as shown in the figure below and seen in phantom, the blade (64) can drop below the top of the table, such that it no longer can be contacted by the operator.



B27G 19/025

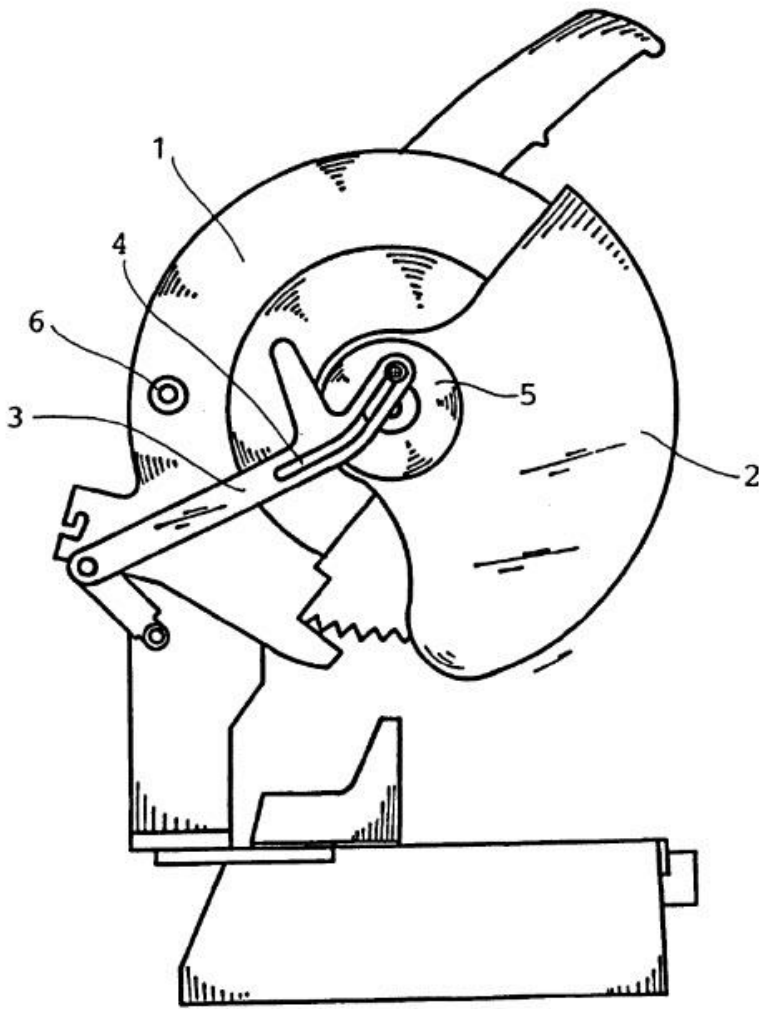
Definition statement

This place covers:

Movable guards, or stationary guards with special features.

Illustrative example of subject matter classified in this place:

Note, in the figure below, movable guard 2 is driven to rotate to expose the blade by link 3 in response to lowering the blade when performing a cutting operation.



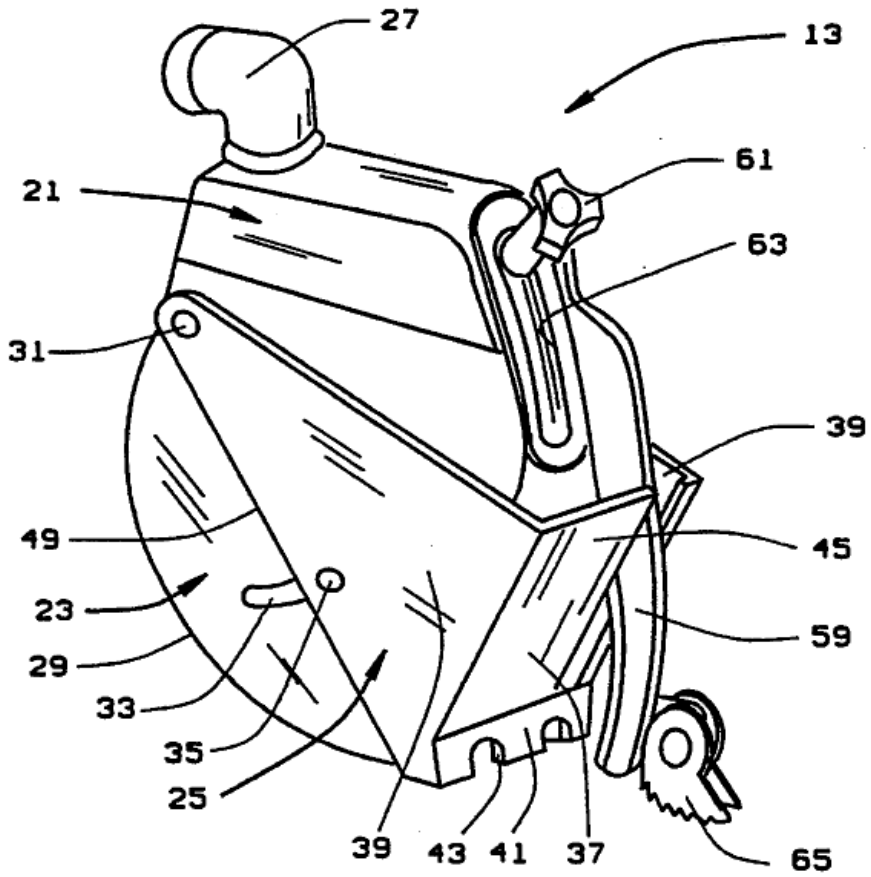
B27G 19/028

Definition statement

This place covers:

Illustrative example of subject matter classified in this place:

Note, in the figure below, anti-kickback pawls element 65.



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B27G23/00

References

Limiting references

This place does not cover:

Arrangements for indicating or measuring existing or desired position of tool	B23Q17/22
For arrangement on manually operated saws	B27B21/08
For guides of sawing machines	B27B27/00

Informative references

Attention is drawn to the following places, which may be of interest for search:

Boring templates	B23B49/02
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DATE: MAY 1, 2024

PROJECT RP10457

2.A. Definitions (modified)

B23D47/00

References

Delete: Each reference from the Limiting references table except the following reference, so that the updated table appears as follows.

Limiting references

This place does not cover:

Details or components, e.g. casings, bodies, of portable power-driven saws not particularly related to the operation performed	B25F5/00
--	--------------------------

Replace: The existing Informative references table with the following updated table.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Circular saw blades, clamping devices therefor	B23D61/02
Constructional features of particular parts per se	B23Q
Details; Component parts; Accessories for circular wood saws	B27B5/29
Mounting or securing circular saw blades or saw spindles	B27B5/30 - B27B5/36
Devices for braking the circular saw blade or the saw spindle; Devices for damping vibrations of the circular saw blade, e.g. silencing	B27B5/38
Arrangements for adjusting the cutting depth or the amount of tilting of portable power-driven circular saws for manual operation	B27B9/02
Guiding equipment for portable power-driven circular saws for manual operation	B27B9/04
Guide fences	B27B27/00

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PROJECT RP10457

Insert: The following new Special rules section.

Special rules of classification

Reference B23Q is non-limiting in the main group B23D47/00. CPC will be updated/corrected once this inconsistency is resolved in IPC.

B23D49/00

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Hacksaws with bows adjustable in length or height	B23D51/12
---	---------------------------

B23D55/00

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Constructional features of a shiftable or swinging work-table	B23D53/06
Strap saw blades, for example with incorporated tensioning devices	B23D61/12
Constructional features of particular parts per se	B23Q
Guide fences	B27B27/00

DATE: MAY 1, 2024

PROJECT RP10457

Insert: The following new Special rules section.

Special rules of classification

Reference B23Q is non-limiting in the main group B23D55/00. CPC will be updated/corrected once this inconsistency is resolved in IPC.

B23D63/00

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Sharpening the cutting edges or saw teeth of mortise chain cutters	B24B3/14
Heat treatment for saw blades	C21D9/24

B23D65/00

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Heat treatment for saw blades	C21D9/24
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B23D73/00

References

Insert: The following new Informative references section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Filing or rasping machines or devices	B23D67/00
---------------------------------------	---------------------------

Delete: The entire Special rules section.

B23D77/00

References

Delete: The entire Limiting references section.

Insert: The following five new references in the Informative references table.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Boring heads	B23B29/03
Chucks suitable for reaming and other tools	B23B31/00
Milling tools	B23C5/00
Honing devices or tools	B24B33/00
Handles for hand implements	B25G

DATE: MAY 1, 2024

PROJECT RP10457

Replace: The existing Special rules text with the following updated text.

Special rules of classification

For [B23D77/00](#) and subgroups, a 2000-series Indexing Code system is present ([B23D2277/00](#)). Indexing Codes this series should be allocated at every opportunity. When classifying reaming tools particular attention should be paid to the Indexing Codes. Indexing Codes should also be added routinely to give details of the workpiece or tool configuration.

For example, a document showing a particular reaming tool having a particular configuration of adjustment mechanism for the cutting blade and showing explicit provision for coolant may be given a classification for the details of the adjustment mechanism as this forms the subject of the invention. Such a document should also be allocated Indexing Codes relating to the provision of coolant and/or further details of the reaming tool itself to allow easy retrieval.

The 2000-series Indexing Codes relating to the material of tool or workpiece should also be routinely allocated where available. However, in this instance, where a material is generally used for a particular part (e.g. tungsten carbide for an cutting insert or blade, steel for a reaming cutter body), the Indexing Code for the material concerned should only be allocated if further details of the material itself are present in the document.

CPC NOTICE OF CHANGES 1616

DATE: MAY 1, 2024

PROJECT RP10457

2. B. DEFINITIONS QUICK FIX

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
B23D69/00	Special rules of classification	<p>Special rules of classification</p> <p>Classification in ECLA group B23D 69/00 is simply according to a literal interpretation of the group and subgroup headings, taking into account the notes concerning precedence and the references contained within the subgroups.</p>	Delete the entire Special rules of classification section.
B23D71/00	Special rules of classification	<p>Special rules of classification</p> <p>Classification in ECLA group B23D 71/00 is simply according to a literal interpretation of the group and subgroup headings, taking into account the notes concerning precedence and the references contained within the subgroups.</p>	Delete the entire Special rules of classification section.
B23D75/00	Special rules of classification	<p>Special rules of classification</p> <p>Classification in ECLA group B23D 75/00 is simply according to a literal interpretation of the group and subgroup headings, taking into account the notes concerning precedence and the references contained within the subgroups.</p>	Delete the entire Special rules of classification section.

Notes:

CPC NOTICE OF CHANGES 1616

DATE: MAY 1, 2024

PROJECT RP10457

Use this Definitions Quick Fix (DQF) table to:

- Delete an entire definition
- Delete an entire section
- Change a reference symbol
- Delete a reference symbol
- Delete text in a References section
- Correct one error in spelling, article use, or verb tense

Otherwise, use the standard template.

Reminder: Never delete F symbol definitions.

CPC NOTICE OF CHANGES 1616

DATE: MAY 1, 2024

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3. REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
C	B23D47/00	B23D47/00, B23D47/128, B23D47/132
C	B23D49/00	B23D49/00, B23D49/012, B23D49/013, B23D49/211
C	B23D51/025	B23D51/025, B23D51/026, B23D51/027, B23D51/028, B23D51/029
C	B23D51/16	B23D51/16, B23D51/161, B23D51/1615, B23D51/162
C	B23D53/005	B23D53/005, B23D53/0051, B23D53/0052, B23D53/0054, B23D53/0056, B23D53/0058
C	B23D53/026	B23D53/026, B23D53/028
C	B23D53/045	B23D53/045, B23D53/049
C	B23D55/00	B23D55/00, B23D55/122
C	B23D55/088	B23D55/088, B23D55/089
C	B23D55/10	B23D55/10, B23D55/102, B23D55/104
C	B23D59/006	B23D59/006, B23D59/0062, B23D59/0064
C	B23D61/02	B23D61/02, B23D61/022, B23D61/0225, B23D61/027, B23D61/0275
C	B23D61/021	B23D61/021, B23D61/0212, B23D61/0214, B23D61/0225
C	B23D61/025	B23D61/025, B23D61/027, B23D61/0275
C	B23D61/04	B23D61/04, B23D61/071, B23D61/075, B23D65/045
C	B23D61/06	B23D61/06, B23D61/071, B23D61/075, B23D65/045
C	B23D61/065	B23D61/065, B23D61/071, B23D61/075, B23D65/045
C	B23D61/12	B23D61/12, B23D61/1217, B23D61/1218, B23D61/1219, B23D61/124, B23D61/1265
C	B23D61/121	B23D61/121, B23D61/1212, B23D61/1214, B23D61/1216, B23D61/1217, B23D61/1219, B23D61/1265
C	B23D61/123	B23D61/123, B23D61/124, B23D61/1245
C	B23D61/126	B23D61/126, B23D61/1265
C	B23D61/14	B23D61/14, B23D61/171, B23D61/175, B23D65/045
C	B23D61/16	B23D61/16, B23D61/171, B23D61/175, B23D65/045
C	B23D63/00	B23D63/00, B23D63/042, B23D63/044, B23D63/046, B23D63/072
C	B23D63/005	B23D63/005, B23D63/0055
C	B23D63/02	B23D63/02, B23D63/028
C	B23D63/023	B23D63/023, B23D63/028, B23D63/046
C	B23D63/04	B23D63/04, B23D63/042, B23D63/044, B23D63/046
C	B23D65/00	B23D65/00, B23D65/045
C	B27B 5/38	B27B 5/38, B27B 5/381, B27G 19/008, B27G 19/022
C	B27B 13/14	B27B 13/14, B27B 13/141, B27G 19/008
C	B27B 17/14	B27B 17/14, B27B 17/142, B27B 17/144, B27B 17/146
C	B27G 19/00	B27G 19/00, B27G 19/008
C	B27G 19/02	B27G 19/008, B27G 19/02, B27G 19/022, B27G 19/025, B27G 19/028
C	B27G 19/06	B27G 19/06, B27G 19/008
C	Y10S 83/01	B27G 19/008, Y10S 83/01
C	Y10T 83/081	B27G 19/008, B27G 19/022, Y10T 83/081
C	Y10T 83/2066	B23D59/0062, Y10T 83/2066
C	Y10T 83/2068	B23D59/0062, Y10T 83/2068
C	Y10T 83/207	B23D59/0064, Y10T 83/207
C	Y10T 83/688	B23D51/161, B23D51/1615, Y10T83/688

CPC NOTICE OF CHANGES 1616

DATE: MAY 1, 2024

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Type*	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
C	Y10T 83/6885	B23D 49/012, B23D 49/013, Y10T 83/6885
C	Y10T 83/689	B23D 49/013, Y10T 83/689
C	Y10T 83/69	B23D 51/162, Y10T 83/69
C	Y10T 83/6935	B23D 49/211, Y10T 83/6935
C	Y10T 83/695	B23D 51/026, Y10T 83/695
C	Y10T 83/6955	B23D 51/027, Y10T 83/6955
C	Y10T 83/696	B23D 51/028, B23D 51/029, Y10T 83/696
C	Y10T 83/6965	B23D 51/028, B23D 51/029, Y10T 83/6965
C	Y10T 83/697	B23D 51/028, Y10T 83/697
C	Y10T 83/6975	B23D 51/029, Y10T 83/6975
C	Y10T 83/699	B23D 49/211, Y10T 83/699
C	Y10T 83/6995	B23D 49/211, Y10T 83/6995
C	Y10T 83/70	B23D 49/211, Y10T 83/70
C	Y10T 83/7005	B23D 49/211, Y10T 83/7005
C	Y10T 83/701	B23D 49/211, Y10T 83/701
C	Y10T 83/7089	B23D 53/0051, Y10T 83/7089
C	Y10T 83/7126	B23D 53/049, Y10T 83/7126
C	Y10T 83/7139	B23D 55/089, Y10T 83/7139
C	Y10T 83/7164	B23D 53/0052, Y10T 83/7164
C	Y10T 83/717	B23D 53/0054, Y10T 83/717
C	Y10T 83/7176	B23D 53/0056, Y10T 83/7176
C	Y10T 83/7183	B23D 53/0058, Y10T 83/7183
C	Y10T 83/722	B23D 53/028, Y10T 83/722
C	Y10T 83/7239	B23D 55/102, B27B 17/142, B27B 17/144, Y10T 83/7239
C	Y10T 83/7245	B23D 55/122, Y10T 83/7245
C	Y10T 83/7251	B23D 55/104, Y10T 83/7251
C	Y10T 83/7258	B23D 55/104, Y10T 83/7258
C	Y10T 83/7697	B23D 47/132, Y10T 83/7697
C	Y10T 83/7705	B23D 47/128, Y10T 83/7705
C	Y10T 83/7734	B27G 19/025, B27G 19/028, B27G 19/04, Y10T 83/7734
C	Y10T 83/9319	B23D 61/022, B23D 61/027, B23D 61/0275, B23D 61/1218, B23D 61/124, B23D 61/1245, B23D 61/1265, Y10T 83/9319
C	Y10T 83/9321	B23D 61/022, B23D 61/1218, Y10T 83/9321
C	Y10T 83/9324	B23D 61/022, B23D 61/027, B23D 61/1218, B23D 61/124, B23D 61/1265, Y10T 83/9324
C	Y10T 83/9326	B23D 61/0225, B23D 61/1218, Y10T 83/9326
C	Y10T 83/9329	B23D 61/022, B23D 61/1218, Y10T 83/9329
C	Y10T 83/9331	B23D 61/022, B23D 61/071, B23D 61/1218, B23D 61/171, Y10T 83/9331
C	Y10T 83/9333	B23D 61/022, B23D 61/071, B23D 61/1218, B23D 61/171, Y10T 83/9333
C	Y10T 83/9336	B23D 61/022, B23D 61/071, B23D 61/1218, B23D 61/171, Y10T 83/9336
C	Y10T 83/9338	B23D 61/022, B23D 61/071, B23D 61/1218, B23D 61/171, Y10T 83/9338
C	Y10T 83/9341	B23D 61/022, B23D 61/071, B23D 61/1218, B23D 61/171, Y10T 83/9341
C	Y10T 83/9343	B23D 61/022, B23D 61/075, B23D 61/1218, B23D 61/175, Y10T 83/9343

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
C	Y10T 83/9346	B23D 61/0212, B23D 61/0214, B23D 61/022, B23D 61/1212, B23D 61/1214, B23D 61/1218, Y10T 83/9346
C	Y10T 83/9348	B23D 61/022, B23D 61/1218, Y10T 83/9348
C	Y10T 83/935	B23D 61/022, B23D 61/1216, B23D 61/1217, B23D 61/1218, B23D 61/1265, Y10T 83/935
C	Y10T 83/9353	B23D 61/022, B23D 61/1216, B23D 61/1218, Y10T 83/9353
C	Y10T 83/9355	B23D 61/022, B23D 61/1216, B23D 61/1218, Y10T 83/9355
C	Y10T 83/9358	B23D 61/021, B23D 61/0214, B23D 61/022, B23D 61/121, B23D 61/1214, B23D 61/1216, B23D 61/1217, B23D 61/1218, Y10T 83/9358
C	Y10T 83/936	B23D 61/022, B23D 61/1218, Y10T 83/936
C	Y10T 83/9362	B23D 61/022, B23D 61/0225, B23D 61/1218, B23D 61/1219, Y10T 83/9362
C	Y10T 83/9365	B23D 61/022, B23D 61/1218, Y10T 83/9365
C	Y10T 83/9367	B23D 61/022, B23D 61/1218, Y10T 83/9367
C	Y10T 83/9454	B23D 61/1265, Y10T 83/9454

* C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed.

NOTES:

- Only C, D, F, and Q type entries are included in the table above.
- When multiple symbols are included in the “To” column, do not use ranges of symbols.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD>, <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“To”) symbol, however it is required to specify “<no transfer>” in the “To” column for such cases.
- RCL is not needed for finalisation projects.

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4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

CPC	IPC	Action*
B23D 47/128	B23D 47/00	NEW
B23D 47/132	B23D 47/00	NEW
B23D 49/012	B23D 49/00	NEW
B23D 49/013	B23D 49/00	NEW
B23D 49/211	B23D 49/00	NEW
B23D 51/026	B23D 51/02	NEW
B23D 51/027	B23D 51/02	NEW
B23D 51/028	B23D 51/02	NEW
B23D 51/029	B23D 51/02	NEW
B23D 51/161	B23D 51/16	NEW
B23D 51/1615	B23D 51/16	NEW
B23D 51/162	B23D 51/16	NEW
B23D 53/0051	B23D 53/00	NEW
B23D 53/0052	B23D 53/00	NEW
B23D 53/0054	B23D 53/00	NEW
B23D 53/0056	B23D 53/00	NEW
B23D 53/0058	B23D 53/00	NEW
B23D 53/028	B23D 53/02	NEW
B23D 53/049	B23D 53/04	NEW
B23D 55/089	B23D 55/08	NEW
B23D 55/102	B23D 55/10	NEW
B23D 55/104	B23D 55/10	NEW
B23D 55/122	B23D 55/00	NEW
B23D 59/0062	B23D 59/00	NEW
B23D 59/0064	B23D 59/00	NEW
B23D 61/0212	B23D 61/02	NEW
B23D 61/0214	B23D 61/02	NEW
B23D 61/022	B23D 61/02	NEW
B23D 61/0225	B23D 61/02	NEW
B23D 61/027	B23D 61/02	NEW
B23D 61/0275	B23D 61/02	NEW
B23D 61/071	B23D 61/06	NEW
B23D 61/075	B23D 61/06	NEW
B23D 61/1212	B23D 61/12	NEW
B23D 61/1214	B23D 61/12	NEW
B23D 61/1216	B23D 61/12	NEW
B23D 61/1217	B23D 61/12	NEW
B23D 61/1218	B23D 61/12	NEW
B23D 61/1219	B23D 61/12	NEW
B23D 61/124	B23D 61/12	NEW
B23D 61/1245	B23D 61/12	NEW

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B23D 61/1265	B23D 61/12	NEW
B23D 61/171	B23D 61/16	NEW
B23D 61/175	B23D 61/16	NEW
B23D 63/0055	B23D 63/00	NEW
B23D 63/028	B23D 63/02	NEW
B23D 63/042	B23D 63/00	NEW
B23D 63/044	B23D 63/00	NEW
B23D 63/046	B23D 63/00	NEW
B23D 63/072	B23D 63/00	NEW
B23D 65/045	B23D 65/00	NEW
B27B 5/381	B27B 5/38	NEW
B27B 13/141	B27B 13/14	NEW
B27B 17/142	B27B 17/14	NEW
B27B 17/144	B27B 17/14	NEW
B27B 17/146	B27B 17/14	NEW
B27G 19/008	B27G 19/00	NEW
B27G 19/022	B27G 19/02	NEW
B27G 19/025	B27G 19/02	NEW
B27G 19/028	B27G 19/02	NEW

*Action column:

- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with “NEW.”
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with “UPDATED.”
- For a (D) CPC entry or indexing entry complete the Action column with “DELETE.” IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with “NEW”.
- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with “CPCONLY” and complete the action column with “NEW”.

NOTES:

- F symbols are not included in the CICL table above.
- T and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.

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5. CROSS-REFERENCE LIST (CRL)

Definitions references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
B23D 21/00	B21D23/00	Limiting References	B23D 23/00

NOTES:

- The CRL tables above are used for changes to locations **outside** of the project scope. Changes to references in scheme titles or definitions **inside** the project scope will be reflected in the “scheme change” template or one of the “definition” templates.
- In addition to other changes proposed in the tables above, in the column titled “Referenced subclass or group to be changed,” **referenced D** symbols should indicate an action of “delete” or should indicate a replacement symbol and **referenced F** symbols should indicate a replacement symbol.
- When a reference is deleted, text related to that reference will also be deleted unless other references or a range of references associated with the same text remain.