

1.11	PROCESS OF TURNING	64	...Scroll plate infeed cam
1.12	TALKING MACHINE TABLET	65	..Infeed cam plate braked with respect to tool(s) carrier plate
1.2	RADIALLY MOVING ROTATING TOOL		
	INSIDE BORE		
1.3	..Forming non-circular bore	66	..Orbital cogwheel and fixed detent
1.4	..Tool simultaneously moving axially	67	..Common gear means
1.5	..Pivoted to tool-carrier	68	...Including adjustable means to vary gear speed
18	PATTERN SECTION		
19	..Cam-controlled cutter	69	...With manual disconnect lever
11	AXIAL PATTERN	70	..With means to feed work
11.1	..Having transverse tool and templet guide	70.1	..Infeed means
		70.2	..With means to circumrotate tool(s) about work
11.2	..With workpiece gauge		
11.3	..Having electrical actuator	71	...Fluid means for relative tool actuation
11.4	...And hydraulic actuator		
11.5	..Having hydraulic actuator	72	...Gear means for tool actuation
12	..Pivoted tool rest	73	...Including axial cam
13	..Profiled cutter	74With indicator
	TAPERS	75	...Bell crank linkage for tool(s) holder
15	..Offset work axis		
	..Transversely shifted cutter	76	...Resilient means for tool actuation
17	..Templet controlled		
16	..Gear controlled	77	...With means for manual retraction
46	SEVERING OR CUT-OFF		
47	..Processes	78	..Hand crank for tool holder
48	..Automatic and/or triggered control	79	..Power driven eccentric
		80	...Fluid motor
49	..Combined with means to sharpen tool(s)	81	...Plural tools
		82	..Tool within work
50	..Combined with means to apply fluid	83	..With means to rotate tool(s)
		84	...Including rotatable cutters supporting work
51	..Combined with means to heat tool and/or work	85	...Planetating work mandrels
		86	...Pivoted tool carriage
52	..With dust or chip handling	87	...With adjustable work stops
53	..Including scrap cutting means	88	...Eccentric periphery rotary tool
53.1	..Flying cutter type		
54	..Cutting couple straddling work	89	...Means to feed work axially
55	..With pattern, guide or cam means (noncircular product)	90	...Translatable work support carriage
56	..Plural cutting means (pairs, or pair, plus single)	91	...With tool groove in support roll(s)
57	..Rotary shear pair		
58	...Tool axes parallel to axis of work rotation	92	..Rotatable tool(s) driven by contact with work
59	..Interrelated means for tool infeed and circumrotation	93	...Axially movable tool support
		94Freely floating parallel to axis
60	..Dependent upon reaction to work		
61	..Infeed cam disk rotation geared to tool holder rotation	95With supplemental nonrotative tool
62	...Axial infeed cam		
63	...Including centrifugal balancing means	96	...Including clutch control for work rotation

97	...Including resilient means urging work against rotary support	142	.Headstock
		143	..Speed changing gear
		144	...Speed change gears for maintaining constant cutting speed
98	..Separate means for plural tools		
99.1	..Spring urged		
99.2	...For window shade	145	..Spindle reverser
100	..Tool adjustment and/or stop	146	..Spindle or work angler
101	..With means to support and/or rotate work	147	..Spindle and bearings
		148	.Tailstock
102	..With means to feed work	149	.Bed
103	LATHE FOR PULLEY	150	.Center
104	LATHE FOR WHEEL OR AXLE	151	..Alignment adjuster
105	.In situ lathe for railroad wheel	152	.Attachment
106	LATHE FOR CRANK OR CRANK PIN	153	..Stop (e.g., carriage, tool, work, etc.)
107	.Portable lathe for crank pin		...Tool slide
108	.Having work oscillator	154	...Collet or spindle
109	..Having work driver	155	...Indexible (e.g., roll type, etc.)
110	LATHE FOR SCREW CUTTING	156	
111	.Having swinging feed nut and tool bar	157	.Tool and work rest
112	PORTABLE LATHE FOR BRAKE DRUM, DISC, OR SHOE	158	.Tool rest
113	PORTABLE LATHE FOR PIPE TURNING	159	..Turret type holder (e.g., multiple tools, etc.)
114	PORTABLE LATHE FOR PISTON GROOVING	160	..Quick release tool or holder clamp
115	BENCH LATHE	161	..Tool post
116	.Watchmaker's lathe	162	.Work rest
117	LATHE	163	..With noise or vibration dampener
118	.With program control		..Center rest
119	..And transmission	164	
120	..And tool turret	165	WORK DRIVER
121	.With tool turret	166	.Lathe dog
122	.Vertical	167	..Cam grip
123	.Having facing tool fed transverse to work	168	.Mandrel
		169	..Expansible
124	.With work feeder or remover	170	CENTERER
125	..Magazine type	171	DRILL PRESS ATTACHMENT FOR TURNING
126	...Bar feeder		ATTACHMENT FOR CUTTING A VALVE
127	..Bar feeder	172	MISCELLANEOUS
128	.Portable	173	
129	.Multiple		
130	.Having hollow cutter head		
131	.Revolvable cutter heads		
132	.Carriage feed		
133	..Control		
134	...Electrical type	900	LATHE THERMAL REGULATION
135	..Apron mechanism	901	CHIP REMOVAL
136	...Feednut control	902	OIL GROOVING DEVICE
137	..Slide rest	903	BALANCING AND CENTERING
138	..Multiple tool support	904	VIBRATING METHOD OR TOOL
139	...Tool relief	905	TRANSMISSION ACCESSORY OR CONTROL
140	..Change gears		
141	..Feedscrews and rods		

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900	LATHE THERMAL REGULATION
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