

CPC COOPERATIVE PATENT CLASSIFICATION

B PERFORMING OPERATIONS; TRANSPORTING (NOTES omitted)

SHAPING

B26 HAND CUTTING TOOLS; CUTTING; SEVERING

B26F PERFORATING; PUNCHING; CUTTING-OUT; STAMPING-OUT; SEVERING BY MEANS OTHER THAN CUTTING (marking-out, perforating or making buttonholes [A41H 25/00](#); shoemaking [A43D](#); surgery [A61B](#); punching metal [B21D](#); drilling metal [B23B](#); cutting of metal by applying heat locally, e.g. flame cutting, [B23K](#); cutting by abrasive fluid jets [B24C 5/02](#); details common to machines for severing [B26D](#); drilling wood [B27C](#); drilling stone [B28D](#); working of plastics or substances in a plastic state [B29](#); making boxes, cartons, envelopes or bags, of paper or similarly worked materials, e.g. metal foil, [B31B](#); of glass [C03B](#); of leather [C14B](#); of textile materials [D06H](#); for light guides [G02B 6/25](#); of tickets [G07B](#))

NOTES

1. This subclass covers:
 - perforating, punching, cutting-out, stamping-out;
 - severing, by means other than cutting, non-metallic sheet materials or metal foil in general;
 - severing, by means other than cutting, other forms of non-metallic material not otherwise provided for.
2. Attention is drawn to Notes (1) and (2) following the title of subclass [B26D](#).

1/00	Perforating; Punching; Cutting-out; Stamping-out; Apparatus therefor (subjecting the grinding tools or the abrading medium to vibration, e.g. grinding with ultrasonic frequency B24B 1/04 , perforating by sand-blasting B24C ; {e.g. abrasive blasting used for cutting B24C 1/045 }; punching cards or tapes for statistical and record purposes G06K 1/00)	1/08	. . . wherein the tools are carried by, and in operation move relative to, a rotative drum or similar support
1/0007	. {Perforation of photographic films}	1/10	. . . Roller type punches
1/0015	. {specially adapted for perforating tubes}	1/12	. . to notch margins of work
1/0023	. . {by rotary tools, e.g. saws (B26F 1/0076 takes precedence)}	1/14	. . Punching tools; Punching dies
1/003	. . . {of the drill type}	1/16	. Perforating by tool or tools of the drill type
1/0038	. . {from the inside (B26F 1/0053 takes precedence)}	1/165	. . {by flow drilling (for metal B21C 37/292)}
1/0046	. . {by tools that follow a closed path around the tube (B26F 1/0053 takes precedence)}	1/18	. Perforating by slitting, i.e. forming cuts closed at their ends without removal of material
1/0053	. . {by machining, e.g. cutting, grinding, projections on the tube wall}	1/20	. . with tools carried by a rotating drum or similar support (B26F 1/22 takes precedence)
1/0061	. . {whereby the tube moves axially or radially (B26F 1/0038 , B26F 1/0046 , B26F 1/0053 take precedence)}	1/22	. . to form non-rectilinear cuts, e.g. for tabs
1/0069	. . . {and the tool travels with the tube}	1/24	. Perforating by needles or pins
1/0076	. . . {and the tool rotates}	1/26	. Perforating by non-mechanical means, e.g. by fluid jet
1/0084	. {specially adapted for perforating rubber}	1/28	. . by electrical discharges
1/0092	. {Perforating means specially adapted for printing machines (B26F 1/02 - B26F 1/46 take precedence)}	1/31	. . by radiation (by laser beam B23K 26/00)
1/02	. Perforating by punching, e.g. with relatively-reciprocating punch and bed	1/32	. Hand-held perforating or punching apparatus, e.g. awls
1/04	. . with selectively-operable punches	1/34	. . power actuated (details or components, e.g. casings, bodies, of portable power-driven tools not particularly related to the operation performed B25F 5/00)
1/06	. . with punching tools moving with the work	1/36	. . Punching or perforating pliers
		2001/365	. . . {hand held pliers with handles}
		1/38	. Cutting-out; Stamping-out
		1/3806	. . {wherein relative movements of tool head and work during cutting have a component tangential to the work surface (B26F 1/40 takes precedence)}

1/3813	. . . {wherein the tool head is moved in a plane parallel to the work in a coordinate system fixed with respect to the work}	3/08	. . with heated members
1/382 {wherein the cutting member reciprocates in, or substantially in, a direction parallel to the cutting edge}	3/10	. . . with heated rollers or discs
1/3826 {using a rotary circular cutting member}	3/12	. . . with heated wires
1/3833 {using an endless band-knife or the like}	3/16	. . by radiation (by laser beam B23K 26/00)
1/384	. . {using rotating drums}	2210/00	Perforating, punching, cutting-out, stamping-out, severing by means other than cutting of specific products
1/3846	. . {cutting out discs or the like (B26F 1/384 , B26F 1/40 and B26F 1/44 take precedence)}	2210/02	. of stacked sheets
1/3853	. . {cutting out frames (B26F 1/384 , B26F 1/40 and B26F 1/44 take precedence)}	2210/04	. Making plastic pilferproof screw caps by cutting a tamper ring
1/386	. . {Draw punches, i.e. punch and die assembled on opposite sides of a workpiece via a connecting member passing through an aperture in the workpiece}	2210/06	. Trimming plastic mouldings
1/3866	. . {specially adapted for rubber}	2210/08	. of ceramic green sheets, printed circuit boards and the like
2001/3873	. . {advancing the material stepwise onto the work surface of the cutting machine}	2210/11	. of plastic containers before compressing
2001/388	. . {controlling the blade orientation along the cutting path}	2210/12	. of fabrics
2001/3886	. . {shearing by reciprocating a straight blade, e.g. nibbling}	2210/14	. . the cutting machine comprising a rotary knife
2001/3893	. . {cutting out by using an oscillating needle}	2210/16	. . the cutting machine comprising a cutting die
1/40	. . using a press, e.g. of the ram type (presses in general B30B)		
2001/402	. . . {curvilinear cutting presses, i.e. the stroke comprising an overlay of a linear and a curved movement}		
1/405	. . . {Travelling head presses}		
2001/407	. . . {stepwise sequential punching processes}		
1/42	. . . having a pressure roller		
1/44	. . Cutters therefor; Dies therefor		
2001/4409	. . . {having die balancing or compensating means}		
2001/4418	. . . {combining cutting and embossing operations}		
2001/4427	. . . {combining cutting and forming operations}		
2001/4436	. . . {Materials or surface treatments therefore}		
2001/4445	. . . {Matrices, female dies, creasing tools}		
2001/4454	. . . {Die heads carrying several moveable tools}		
2001/4463	. . . {Methods and devices for rule setting, fixation, preparing cutting dies}		
2001/4472	. . . {Cutting edge section features}		
2001/4481	. . . {having special lateral or edge outlines or special surface shapes, e.g. apertures}		
2001/449	. . . {for shearing, e.g. with adjoining or abutting edges}		
1/46	. . . Loose press knives		
3/00	Severing by means other than cutting; Apparatus therefor (severing by grinding B24B 27/06)		
3/002	. {Precutting and tensioning or breaking}		
3/004	. {by means of a fluid jet (methods for use of abrasive blasting for cutting B24C 1/045 ; guns for abrasive fluid jets B24C 5/02 ; perforating by non-mechanical means, e.g. by fluid jet B26F 1/26)}		
2003/006	. . {having a shutter or water jet deflector}		
3/008	. . {Energy dissipating devices therefor, e.g. catchers; Supporting beds therefor (cutting beds in general B26D 7/20)}		
3/02	. Tearing		
3/04	. Severing by squeezing (B26F 3/08 takes precedence)		
3/06	. Severing by using heat		