

CPC COOPERATIVE PATENT CLASSIFICATION

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)	1/18	• Perforating by slitting , i.e. forming cuts closed at their ends without removal of material
		1/20	• • with tools carried by a rotating drum or similar support (B26F 1/22 takes precedence)
		1/22	• • to form non-rectilinear cuts , e.g. for tabs
		1/24	• Perforating by needles or pins
		1/26	• Perforating by non-mechanical means , e.g. by fluid jet
1/0007	• { Perforation of photographic films }	1/28	• • by electrical discharges
1/0015	• { specially adapted for perforating tubes }	1/31	• • by radiation (by laser beam B23K 26/00)
1/0023	• • { by rotary tools , e.g. saws (B26F 1/0076 takes precedence)}	1/32	• Hand-held perforating or punching apparatus , e.g. awls
1/003	• • • { of the drill type }	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)
1/0038	• • { from the inside (B26F 1/0053 takes precedence)}		
1/0046	• • { by tools that follow a closed path around the tube (B26F 1/0053 takes precedence)}	1/36	• • Punching or perforating pliers
1/0053	• • { by machining , e.g. cutting , grinding , projections on the tube wall }	2001/365	• • • { hand held pliers with handles }
1/0061	• • { whereby the tube moves axially or radially (B26F 1/0038 , B26F 1/0046 , B26F 1/0053 take precedence)}	1/38	• Cutting-out; Stamping-out
1/0069	• • • { and the tool travels with the tube }	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)}
1/0076	• • • { and the tool rotates }	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 }
1/0084	• { specially adapted for perforating rubber }	1/382	• • • • { wherein the cutting member reciprocates in, or substantially in, a direction parallel to the cutting edge }
1/0092	• { Perforating means specially adapted for printing machines (B26F 1/02 - B26F 1/46 take precedence)}	1/3826	• • • • { using a rotary circular cutting member }
1/02	• Perforating by punching , e.g. with relatively-reciprocating punch and bed	1/3833	• • • • { using an endless band-knife or the like }
1/04	• • with selectively-operable punches	1/384	• • { using rotating drums }
1/06	• • with punching tools moving with the work	1/3846	• • { cutting out discs or the like (B26F 1/384 , B26F 1/40 and B26F 1/44 take precedence)}
1/08	• • • wherein the tools are carried by, and in operation move relative to, a rotative drum or similar support	1/3853	• • { cutting out frames (B26F 1/384 , B26F 1/40 and B26F 1/44 take precedence)}
1/10	• • • Roller type punches	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 }
1/12	• • to notch margins of work	1/3866	• • { specially adapted for rubber }
1/14	• • Punching tools; Punching dies		
1/16	• Perforating by tool or tools of the drill type		
1/165	• • { by flow drilling (for metal B21C 37/292)}		

- 2001/3873 . . {advancing the material stepwise onto the work surface of the cutting machine}
- 2001/388 . . {controlling the blade orientation along the cutting path}
- 2001/3886 . . {shearing by reciprocating a straight blade, e.g. nibbling}
- 2001/3893 . . {cutting out by using an oscillating needle}
- 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
- 3/08 . . with heated members
- 3/10 . . . with heated rollers or discs
- 3/12 . . . with heated wires
- 3/16 . . by radiation ([by laser beam B23K 26/00](#))
- 2210/00 Perforating, punching, cutting-out, stamping-out, severing by means other than cutting of specific products**
- 2210/02 . of stacked sheets
- 2210/04 . Making plastic pilferproof screw caps by cutting a tamper ring
- 2210/06 . Trimming plastic mouldings
- 2210/08 . of ceramic green sheets, printed circuit boards and the like
- 2210/11 . of plastic containers before compressing
- 2210/12 . of fabrics
- 2210/14 . . the cutting machine comprising a rotary knife
- 2210/16 . . the cutting machine comprising a cutting die