

CPC**COOPERATIVE PATENT CLASSIFICATION****B26B**

HAND-HELD CUTTING TOOLS NOT OTHERWISE PROVIDED FOR (for harvesting [A01D](#); for horticulture, for forestry [A01G](#); for butchering or meat treatment [A22](#); for manufacturing or repairing footwear [A43D](#); nail clippers or cutters [A45D 29/02](#); kitchen equipment [A47J](#); { vegetable slicers, julienne cutters and similar devices and holders therefor, [B26D 3/28](#)}; for surgical purposes [A61B](#); for metal [B23D](#); cutting by abrasive fluid jets [B24C 5/02](#); plier-like tools with cutting edges [B25B 7/22](#); pincers [B25C 11/02](#); handles for hand implements, in general [B25G](#); guillotine-type cutters [B26D](#); { perforating by non-mechanical means, e.g. by fluid jet, [B26F 1/26](#)}; for erasing [B43L 19/00](#); for textile materials [D06H](#))

Guidance heading: Hand knives

- B26B 1/00** **Hand knives with adjustable blade; Pocket knives** ([B26B 11/00](#) takes precedence)
- [B26B 1/02](#) . with pivoted blade
 - [B26B 1/04](#) . . lockable in adjusted position
 - [B26B 1/042](#) . . . { by a spring biased locking lever pivoting around an axis parallel to the pivot axis of the blade }
 - [B26B 1/044](#) . . . { by a spring tongue snapping behind or into the tang of the blade from a side part of the handle }
 - [B26B 1/046](#) . . . { with a locking member acting in axial direction parallel to the pivot axis of the blade }
 - [B26B 1/048](#) . . . { with a locking member being slidable or movable along the handle }
 - [B26B 1/06](#) . . with loosely-inserted spring
 - [B26B 1/08](#) . with sliding blade { (with detachable blades [B26B 5/001](#)) }
 - [B26B 1/10](#) . Handles
- B26B 3/00** **Hand knives with fixed blades** { (handles, attaching the handles [B25G](#)) }
- [B26B 3/02](#) . Table-knives ([B26B 9/02](#) takes precedence)
 - [B26B 3/03](#) . specially adapted for cutting-off slices one by one
 - [B26B 3/04](#) . for performing several incisions simultaneously; Multiple-blade knives
 - [B26B 3/06](#) . Scout or similar sheath knives ([sheaths therefor B26B 29/02](#))
 - [B26B 3/08](#) . specially adapted for cutting cardboard, or wall, floor, or like covering materials
- B26B 5/00** **Hand knives with one or more detachable blades**
- [B26B 5/001](#) . { with blades being slid out of handle immediately prior to use }
 - [B26B 5/002](#) . . { segmented blades }
 - [B26B 5/003](#) . . { comprising retraction means for the blade or the blade holder }
 - [B26B 5/005](#) . { specially adapted for cutting cardboard, or wall, floor or like covering materials }
 - [B26B 5/006](#) . { specially adapted for using razor blades as blades ([B26B 5/001](#) takes precedence) }
 - [B26B 5/007](#) . { for cutting slices one by one }
 - [B26B 5/008](#) . { for performing several incisions simultaneously; for cutting cubes }

B26B 7/00	Hand knives with reciprocating motor-driven blades
B26B 7/005	. { Counter reciprocating blades}
B26B 9/00	Blades for hand knives
B26B 9/02	. characterised by the shape of the cutting edge, e.g. wavy
B26B 11/00	Hand knives combined with other implements, e.g. with corkscrew, with scissors, with writing implement (combined table-ware A47G 21/06)
B26B 11/001	. { of the Swiss-knife type}
B26B 11/003	. { having folding handles}
B26B 11/005	. { Handle also acting as a part of a scissors}
B26B 11/006	. { Several functions combined in the blade}
B26B 11/008	. { comprising electronic or electrical features, e.g. illuminating means, computing devices or sensors}
Guidance heading:	Hand shears; Scissors (for horticultural purposes A01G ; bone shears A22C 17/06 ; metal shears B23D)
B26B 13/00	Hand shears; Scissors
B26B 13/005	. {Pocket or folding scissors}
B26B 13/02	. with moulded-in blades
B26B 13/04	. with detachable blades
B26B 13/06	. characterised by the shape of the blades
B26B 13/08	. . with cutting edges wavy or toothed in the plane of the blade
B26B 13/10	. . for producing wavy, zig-zag, or like cuts
B26B 13/12	. characterised by the shape of the handles
B26B 13/14	. . without gripping bows in the handle
B26B 13/16	. . . spring loaded, e.g. with provision for locking the blades or the handles
B26B 13/18	. . . without joint, i.e. having blades interconnected by a resilient member
B26B 13/20	. . with gripping bows in the handle
B26B 13/22	. combined with auxiliary implements, e.g. with cigar cutter, with manicure instrument (cigar cutters per se A24F 13/24)
B26B 13/24	. . to aid hair cutting
B26B 13/26	. with intermediate links between the grips and the blades, e.g. for remote actuation
B26B 13/28	. Joints (B25B 7/06 takes precedence)
B26B 13/285	. . {with means for applying pressure on the blades; with means for producing "drawing-cut" effect}
B26B 15/00	Hand-held shears with motor-driven blades
B26B 17/00	Hand cutting tools {i.e. with the cutting action actuated by muscle power} with two jaws which come into abutting contact (nail clippers or cutters A45D 29/02; joints therefor B25B 7/06)

- B26B 17/003 . {manually operated tools specially adapted for separating nuts attached to each other, e.g. by rust ([nut crackers A47J 43/26](#))}
- B26B 17/006 . { having cutting edges parallel to a pivot axis}
- B26B 17/02 . with jaws operated indirectly by the handles, e.g. through cams or toggle levers
- B26B 19/00** **Clippers or shavers operating with a plurality of cutting edges, e.g. hair clippers, dry shavers**
- B26B 19/02 . of the reciprocating-cutter type
- B26B 19/04 . . Cutting heads therefor; Cutters therefor; Securing equipment thereof
- B26B 19/042 . . . { Long hair cutters or older types comprising a cutting grid}
- B26B 19/044 . . . {Manufacture and assembly of cutter blocks}
- B26B 19/046 . . . {Cutters being movable in the cutting head}
- B26B 19/048 . . . { Complete cutting head being movable}
- B26B 19/06 . . . involving co-operating cutting elements both of which have shearing teeth
- B26B 19/063 { Movable or adjustable cutting head}
- B26B 19/066 { Manually operated}
- B26B 19/08 of nipper type
- B26B 19/10 . . . involving two or more different types of reciprocating cutting elements, e.g. a pair of toothed shearing elements combined with a pair of perforated cutting elements or a combined toothed and perforated cutting assembly
- B26B 19/102 {with a secondary cutting unit being translated or slid into an operating position}
- B26B 19/105 {with a secondary cutting unit being rotated into an operating position}
- B26B 19/107 {with means for selectively engaging the drive for a fixed-position secondary cutting unit}
- B26B 19/12 . of the oscillating- cutter type; Cutting heads therefor; Cutters therefor ([B26B 19/04 takes precedence](#))
- B26B 19/14 . of the rotary-cutter type; Cutting heads therefor; Cutters therefor ([B26B 19/04 takes precedence](#))
- B26B 19/141 . . { Details of inner cutters having their axes of rotation perpendicular to the cutting surface}
- B26B 19/143 . . { Details of outer cutters}
- B26B 19/145 . . { Cutters being movable in the cutting head}
- B26B 19/146 . . { Complete cutting head being movable}
- B26B 19/148 . . { specially adapted for removing hair from inaccessible places, e.g. nostrils}
- B26B 19/16 . . involving a knife cylinder or a knife cone or separate cutting elements moved like a rotating cylinder or a rotating cone
- B26B 19/18 . . . in combination with a fixed razor-blade without shearing perforations
- B26B 19/20 . with provision for shearing hair of preselected or variable length
- B26B 19/205 . . { by adjustment of the cutting members}
- B26B 19/22 . with provision for thinning-out hair
- B26B 19/24 . specially adapted for shearing animals, e.g. sheep

- B26B 19/26
 - of the type performing different methods of operation simultaneously, e.g. reciprocating and oscillating; of the type having two or more heads of differing mode of operation
- B26B 19/265
 - .. {of the type having two or more heads of differing mode of operation}
- B26B 19/28
 - Drive layout for hair clippers or dry shavers, e.g. providing for electromotive drive (electric motors per se [H02](#))
- B26B 19/282
 - .. {Motors without a rotating central drive shaft, e.g. linear motors}
- B26B 19/284
 - ... {with an actuator oscillating about a pivot axis}
- B26B 19/286
 - .. {providing for two or more different electrical power sources}
- B26B 19/288
 - .. {Balance by opposing oscillation}
- B26B 19/30
 - .. providing for muscle drive, e.g. by rolling over the skin
- B26B 19/32
 - .. providing for mechanical drive, e.g. installation of a spring motor
- B26B 19/34
 - .. providing for fluid drive
- B26B 19/36
 - .. providing for remote drive by means of a flexible shaft; Transmission means therefor
- B26B 19/38
 - Details of, or accessories for, hair clippers, or dry shavers, e.g. housings, casings, grips, guards (cutters, cutting heads [B26B 19/04](#), [B26B 19/12](#), [B26B 19/14](#); cleaning or disinfecting devices [A45D 27/46](#); drying devices [A45D 27/48](#); casings for electric apparatus in general [H05K](#))
- B26B 19/3806
 - .. {Accessories}
- B26B 19/3813
 - ... {Attachments}
- B26B 19/382
 - ... {Built-in accessories}
- B26B 19/3826
 - ... {Separate accessories}
- B26B 19/3833
 - ... {Storage and cleaning devices; Power cord storage}
- B26B 19/384
 - .. {Dry-shaver foils; Manufacture thereof}
- B26B 19/3846
 - .. {Blades; Cutters ([B26B 19/044](#), [B26B 19/141](#) take precedence)}
- B26B 19/3853
 - .. {Housing or handle}
- B26B 19/386
 - ... {Means for attaching the head thereto}
- B26B 19/3866
 - ... {Seals or dampers}
- B26B 19/3873
 - .. {Electric features; Charging; Computing devices}
- B26B 19/388
 - ... {Sensors; Control}
- B26B 19/3886
 - .. {Actuating members, e.g. switches or control knobs}
- B26B 19/3893
 - .. {Manufacturing of shavers or clippers or components thereof}
- B26B 19/40
 - .. Lubricating
- B26B 19/42
 - .. providing for straightening the hair to be cut, e.g. by means of bristles; providing for tensioning the skin, e.g. by means of rollers, ledges (skin-stretchers for shaving per se [A45D 27/38](#))
- B26B 19/44
 - .. Suction means for collecting severed hairs or for the skin to be shaved
- B26B 19/46
 - .. providing for illuminating the area to be shaved or clipped
- B26B 19/48
 - .. Accessory implements for carrying out a function other than cutting hair, e.g. attachable appliances for manicuring (massage means per se [A61H 7/00](#) to [A61H 23/00](#))

B26B 21/00	Razors of the open or knife type; Safety razors or other shaving implements of the planing type; Hair-trimming devices involving a razor-blade; Equipment therefor
B26B 21/02	. involving unchangeable blades
B26B 21/04	.. Razors of the knife type
B26B 21/06	.. Safety razors with fixed blade, e.g. with moulded-in blade
B26B 21/08	. involving changeable blades
B26B 21/10	.. Safety razors with one or more blades arranged longitudinally to the handle
B26B 21/12	... combined with combs or other means for hair trimming
B26B 21/125 {Razor blades attached to ordinary combs}
B26B 21/14	.. Safety razors with one or more blades arranged transversely to the handle
B26B 21/16	... involving blades with only one cutting edge (B26B 21/22 to B26B 21/38 take precedence)
B26B 21/165 {with the blade moulded into, or attached to, a changeable unit}
B26B 21/18	... involving blades with two cutting edges (B26B 21/22 to B26B 21/38 take precedence)
B26B 21/185 {with adjustable guard clearance; with variable angle of rake}
B26B 21/20	... involving blades with more than two cutting edges; involving disc blades (B26B 21/22 to B26B 21/38 take precedence)
B26B 21/22	... involving several blades to be used simultaneously
B26B 21/222 {with the blades moulded into, or attached to, a changeable unit (B26B 21/4006 takes precedence)}
B26B 21/225 {the changeable unit being resiliently mounted on the handle}
B26B 21/227 {with blades being resiliently mounted in the changeable unit}
B26B 21/24	... of the magazine type; of the injector type (containers for storing razor-blades A45D 27/24)
B26B 21/26	... of the continuous ribbon type
B26B 21/28	... of the drawing cut type, i.e. with the cutting edge of the blade arranged obliquely { or curved } to the handle
B26B 21/30	... of the type carrying pivotally-mounted caps
B26B 21/32 in razors involving double-edged blades
B26B 21/34	... of the type carrying rollers
B26B 21/36 with provision for reciprocating the blade (reciprocating the cutting elements of clippers or dry shavers B26B 19/00)
B26B 21/38	... with provision for reciprocating the blade by means other than rollers (reciprocating the cutting elements of clippers or dry shavers B26B 19/00)
B26B 21/40	. Details or accessories
B26B 21/4006	.. {Blades or blade units with discontinuous cutting edges, e.g. wire-wrapped, notches}
B26B 21/4012	.. { Housing details, e.g. for cartridges}
B26B 21/4018	... { Guard elements}
B26B 21/4025	... { Cap elements}

B26B 21/4031	... { characterised by special geometric shaving parameters, e.g. blade span or exposure}
B26B 21/4037	.. { Details or parts covering the blades, e.g. caps for storage; Attachments}
B26B 21/4043	.. { Contour trimming}
B26B 21/405	.. { Electric features; Charging; Computing devices}
B26B 21/4056	... { Sensors or controlling means}
B26B 21/4062	.. { Actuating members, e.g. switches or control knobs; Adjustments}
B26B 21/4068	.. { Mounting devices; Manufacture of razors or cartridges (B26B 21/528 takes precedence)}
B26B 21/4075	... { Mounting devices}
B26B 21/4081	.. { Shaving methods; Usage or wear indication; Testing methods}
B26B 21/4087	... { Usage or wear indication}
B26B 21/4093	... { Testing of shaving razors or components thereof}
B26B 21/42	.. for cutting hair of preselected or variable length (combs, stencils or guides specially adapted for hair trimming devices A45D 24/36)
B26B 21/44	.. Means integral with, or attached to, the razor for storing shaving-cream, styptic, or the like
B26B 21/443	... { Lubricating strips attached to the razor head}
B26B 21/446	... { Shaving aid stored in the razor handle}
B26B 21/46	.. for illuminating the skin (B26B 19/46 takes precedence)
B26B 21/48	.. Heating means
B26B 21/50	.. Means integral with, or attached to, the razor for stropping the blade
B26B 21/52	.. Handles, e.g. tiltable, flexible {(handles and attaching handles in general B25G)}
B26B 21/521	... { Connection details, e.g. connection to razor heads}
B26B 21/522	... { Ergonomic details, e.g. shape, ribs or rubber parts}
B26B 21/523	... { Extendible or foldable handles; Extensions}
B26B 21/525	... { for longitudinally arranged cutting edges}
B26B 21/526	... { Electric features}
B26B 21/527	... { attachable to fingers or to the human hand}
B26B 21/528	... { Manufacture of razor handles}
B26B 21/54	. Razor-blades {(B26B 21/4006 takes precedence)}
B26B 21/56	.. characterised by the shape
B26B 21/565	... { Bent razor blades; Razor blades with bent carriers}
B26B 21/58	.. characterised by the material
B26B 21/60	... by the coating material
B26B 23/00	Axes; Hatchets {(attaching of the handles B25G)}
B26B 25/00	Hand cutting tools involving disc blades, e.g. motor-driven (details or components, e.g. casings, bodies, of portable power-driven tools not particularly related to the operation performed B25F 5/00)
B26B 25/002	. {Motor-driven knives with a rotating annular blade}

B26B 25/005	. { Manually operated, e.g. pizza cutters}
B26B 25/007	. . { Operable only in combination with guiding means, e.g. paper cutters}
B26B 27/00	Hand cutting tools not provided for in the preceding groups, e.g. finger rings for cutting string, devices for cutting by means of wires
B26B 27/002	. {Tools using wires as cutting means}
B26B 27/005	. {Carton openers}
B26B 27/007	. { with handles specifically adapted to be attached to a human hand or finger, e.g. thimbles (for razors B26B 21/527)}
B26B 29/00	Guards or sheaths {or guides} for hand cutting tools; Arrangements for guiding hand cutting tools (guards for hair clippers or dry shavers B26B 19/38)
B26B 29/02	. Guards or sheaths for knives
B26B 29/025	. . { Knife sheaths or scabbards}
B26B 29/04	. Guards or sheaths for scissors, e.g. combined with manicuring appliances (manicuring implements per se A45D 29/00)
B26B 29/06	. Arrangements for guiding hand cutting tools (guiding equipment or arrangements for specific cutting tools, see the particular places, e.g. for hair trimming devices A45D 24/36 , for saw blades B27B 11/02 , B26B 13/10)
B26B 29/063	. . { Food related applications}
B26B 2029/066	. . {for slicing bread }