

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](#))

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}

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}