

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

24/36, for saw blades B27B 11/02, B26B 13/10)

- B26B 29/063 . . { Food related applications }
- B26B 2029/066 . . for slicing bread