CPC - COOPERATIVE PATENT CLASSIFICATION

B PERFORMING OPERATIONS; TRANSPORTING

NOTES omitted

SHAPING

B26 HAND CUTTING TOOLS; CUTTING; SEVERING

B26B HAND-HELD CUTTING TOOLS NOT OTHERWISE PROVIDED FOR (for harvesting A01D; for horticulture, for forestry A01G; for butchering or meat treatment A22; for manufactering 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)

WARNING
In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

Hand knives

1/00 Hand knives with adjustable blade; Pocket knives (B26B 11/00 takes precedence) 5/005 . {specially adapted for cutting cardboard, or wall, floor or like covering materials}

1/02 . with pivoted blade 5/006 . {specially adapted for using razor blades as blades (B26B 5/001 takes precedence)}

1/04 . lockable in adjusted position 5/007 . {for cutting slices one by one}

1/042 . . . {by a spring biased locking lever pivoting around an axis parallel to the pivot axis of the blade} 5/008 . {for performing several incisions simultaneously; for cutting cubes}

1/044 . . . {by a spring tongue snapping behind or into the tang of the blade from a side part of the handle} 7/00 Hand knives with reciprocating motor-driven blades 7/005 . {Counter reciprocating blades}

1/046 . . . {with a locking member acting in axial direction parallel to the pivot axis of the blade} 9/00 Blades for hand knives 9/02 . characterised by the shape of the cutting edge, e.g. wavy

1/048 . . . {with a locking member being slidable or movable along the handle} 11/00 Hand knives combined with other implements, e.g. with corkscrew, with scissors, with writing implement (combined table-ware A47G 21/06) 11/001 . {of the Swiss-knife type}

1/06 . with loosely-inserted spring 11/003 . {having folding handles}

1/08 . with sliding blade (with detachable blades B26B 5/001) 11/005 . {Handle also acting as a part of a scissors}

1/10 . Handles 11/006 . {Several functions combined in the blade}

3/00 Hand knives with fixed blades {handles, attaching the handles B25G} 11/008 . {comprising electronic or electrical features, e.g. illuminating means, computing devices or sensors}

3/02 . Table knives (B26B 9/02 takes precedence) Hand shears; Scissors (for horticultural purposes A01G; bone shears A22C 17/06; metal shears B23D)

3/03 . specially adapted for cutting-off slices one by one 13/00 Hand shears; Scissors 13/005 . {Pocket or folding scissors}

3/04 . for performing several incisions simultaneously; Multiple blade knives 13/02 . with moulded-in blades

3/06 . Scout or similar sheath knives (sheaths therefor B26B 9/002) 13/04 . with detachable blades

3/08 . specially adapted for cutting cardboard, or wall, floor, or like covering materials 13/06 . characterised by the shape of the blades

5/00 Hand knives with one or more detachable blades 13/08 . . {with cutting edges wavy or toothed in the plane of the blade}

5/001 . {with blades being slid out of handle immediately prior to use} 13/10 . . for producing wavy, zig-zag, or like cuts

5/002 . . {segmented blades} 13/12 . . characterised by the shape of the handles

5/003 . . {comprising retraction means for the blade or the blade holder}
Hand shears; Scissors

B26B

13/14 . . . without gripping bows in the handle
13/16 . . . spring loaded, e.g. with provision for locking the blades or the handles
13/18 . . . without joint, i.e. having blades interconnected by a resilient member
13/20 . . . with gripping bows in the handle
13/22 . . . combined with auxiliary implements, e.g. with cigar cutter, with manicure instrument (cigar cutters per se A24F 13/24)
13/24 . . . to aid hair cutting
13/26 . . . with intermediate links between the grips and the blades, e.g. for remote actuation
13/28 . . . Joints (B25B 7/06 takes precedence)
13/285 . . . [with means for applying pressure on the blades; with means for producing 'drawing-cut' effect]

15/00 Hand-held shears with motor-driven blades

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)
17/003 . . . [manually operated tools specially adapted for separating nuts attached to each other, e.g. by rust (nut crackers A47J 43/26)]
17/006 . . . [having cutting edges parallel to a pivot axis]
17/02 . . . with jaws operated indirectly by the handles, e.g. through cams or toggle levers

19/00 Clippers or shavers operating with a plurality of cutting edges, e.g. hair clippers, dry shavers

19/02 . . . of the reciprocating-cutter type
19/04 . . . Cutting heads therefor; Cutters therefor; Securing equipment thereof
19/042 . . . [Long hair cutters or older types comprising a cutting grid]
19/044 . . . [Manufacture and assembly of cutter blocks]
19/046 . . . [Cutters being movable in the cutting head]
19/048 . . . [Complete cutting head being movable]
19/06 . . . involving co-operating cutting elements both of which have shearing teeth
19/063 . . . [Movable or adjustable cutting head]
19/066 . . . . . . [Manually operated]
19/08 . . . . . . of nippers type
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
19/102 . . . . . . [with a secondary cutting unit being translated or slid into an operating position]
19/105 . . . . . . [with a secondary cutting unit being rotated into an operating position]
19/107 . . . . . . [with means for selectively engaging the drive for a fixed-position secondary currying unit]
19/12 . . . . . . of the oscillating- cutter type; Cutting heads therefor; Cutters therefor (B26B 19/04 takes precedence)
19/14 . . . . . . of the rotary- cutter type; Cutting heads therefor; Cutters therefor (B26B 19/04 takes precedence)
19/141 . . . . . . [Details of inner cutters having their axes of rotation perpendicular to the cutting surface]
19/143 . . . . . . [Details of outer cutters]
19/145 . . . . . . [Cutters being movable in the cutting head]
19/146 . . . . . . [Complete cutting head being movable]
19/148 . . . . . . [specially adapted for removing hair from inaccessible places, e.g. nostrils]
19/16 . . . . . . involving a knife cylinder or a knife cone or separate cutting elements moved like a rotating cylinder or a rotating cone
19/18 . . . . . . in combination with a fixed razor-blade without shearing perforations
19/20 . . . . . . with provision for shearing hair of preselecled or variable length
19/205 . . . . . . [by adjustment of the cutting members]
19/22 . . . . . . with provision for thinning-out hair
19/24 . . . . . . specially adapted for shearing animals, e.g. sheep
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
19/265 . . . . . . [of the type having two or more heads of differing mode of operation]
19/28 . . . . . . Drive layout for hair clippers or dry shavers, e.g. providing for electromotive drive (electric motors per se H02)
19/282 . . . . . . [Motors without a rotating central drive shaft, e.g. linear motors]
19/284 . . . . . . [with an actuator oscillating about a pivot axis]
19/286 . . . . . . [providing for two or more different electrical power sources]
19/288 . . . . . . [Balance by opposing oscillation]
19/30 . . . . . . for muscle drive, e.g. by rolling over the skin
19/32 . . . . . . providing for mechanical drive, e.g. installation of a spring motor
19/34 . . . . . . providing for fluid drive
19/36 . . . . . . providing for remote drive by means of a flexible shaft; Transmission means therefor
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)
19/3806 . . . . . . [Accessories]
19/3813 . . . . . . [Attachments]
19/382 . . . . . . [Built-in accessories]
19/3826 . . . . . . [Separate accessories]
19/3833 . . . . . . [Storage and cleaning devices; Power cord storage]
19/384 . . . . . . [Dry-shaver foils; Manufacture thereof]
19/3846 . . . . . . [Blades; Cutters (B26B 19/044, B26B 19/141 take precedence)]
19/3853 . . . . . . [House or handle]
19/386 . . . . . . [Means for attaching the head thereto]
19/3866 . . . . . . [Seals or dampers]
19/3873 . . . . . . [Electric features; Charging; Computing devices]
19/388 . . . . . . . . [Sensors; Control]
19/3888 . . . . . . . [Actuating members, e.g. switches or control knobs]
19/3893 . . . . . . [Manufacturing of shavers or clippers or components thereof]
19/40 . . . . . . Lubricating
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)
21/00 Razors of the open or knife type; Safety razors or shaving implements of the planing type; Hair-trimming devices involving a razor-blade; Equipment therefor

21/02 . . . involving unchangeable blades
21/04 . . . Razors of the knife type
21/06 . . . Safety razors with fixed blade, e.g. with moulded-in blade
21/08 . . . involving changeable blades
21/10 . . . Safety razors with one or more blades arranged longitudinally to the handle
21/12 . . . combined with combs or other means for hair trimming
21/14 . . . Safety razors with one or more blades arranged transversely to the handle
21/16 . . . involving blades with only one cutting edge (B26B 21/22 - B26B 21/38 take precedence)
21/165 . . . [with the blade moulded into, or attached to, a changeable unit]
21/18 . . . involving blades with two cutting edges (B26B 21/22 - B26B 21/38 take precedence)
21/185 . . . [with adjustable guard clearance; with variable angle of rake]
21/20 . . . involving blades with more than two cutting edges; involving disc blades (B26B 21/22 - B26B 21/38 take precedence)
21/22 . . . involving several blades to be used simultaneously
21/222 . . . [with the blades moulded into, or attached to, a changeable unit (B26B 21/4006 takes precedence)]
21/225 . . . [the changeable unit being resiliently mounted on the handle]
21/227 . . . [with blades being resiliently mounted in the changeable unit]
21/24 . . . of the magazine type; of the injector type (containers for storing razor-blades A45D 27/24)
21/26 . . . of the continuous ribbon type
21/28 . . . of the drawing cut type, i.e. with the cutting edge of the blade arranged obliquely [or curved] to the handle
21/30 . . . of the type carrying pivotally-mounted caps
21/32 . . . in razors involving double-edged blades
21/34 . . . of the type carrying rollers
21/36 . . . with provision for reciprocating the blade (reciprocating the cutting elements of clippers or dry shavers B26B 19/00)
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)
21/40 . . . Details or accessories
21/4006 . . . [Blades or blade units with discontinuous cutting edges, e.g. wire-wrapped, notches]
27/002  [Tools using wires as cutting means]
27/005  [Carton openers]
27/007  [with handles specifically adapted to be attached
to a human hand or finger, e.g. thimbles (for razors
B26B 21/527)]

29/00  Guards or sheaths (or guides) for hand cutting
tools; Arrangements for guiding hand cutting tools
(guides for hair clippers or dry shavers B26B 19/38)
29/02  Guards or sheaths for knives
29/025  .  [Knife sheaths or scabbards]
29/04  Guards or sheaths for scissors, e.g. combined with
manicuring appliances (manicuring implements per
see A45D 29/00)
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)
29/063  .  [Food related applications]
2029/066  .  [for slicing bread]