

ECLA**EUROPEAN CLASSIFICATION****B43K**

IMPLEMENTS FOR WRITING OR DRAWING (containers, casings or accessories for cosmetic substances, e.g. shaving soap, lipstick, make-up [A45D34/00](#), [A45D40/00](#))

[N: Notes

In this subclass, the following expression is used with the meaning indicated:-"writing implements" covers pens, pencils, crayons, chalks or like markers for writing or drawing]

B43K1/00

Nibs (continuously adjustable nibs [B43K17/00](#)); **Writing-points** (for indicating or recording apparatus [G01D15/16](#))

B43K1/00C

- . [N: Capillary nibs]

B43K1/00P

- . [N: Porous nibs ([B43K1/12](#) takes precedence)]

B43K1/01

- . with ink reservoirs, e.g. funnel-shaped

B43K1/01F

- . . [N: Funnel-shaped reservoirs]

B43K1/02

- . Split nibs

B43K1/04

- . . with broadened tips

B43K1/06

- . Tubular writing-points

B43K1/08

- . with ball points; Balls or ball beds [N: ([B43M11/08B](#) takes precedence)] [C9609]

B43K1/08B

- . . [N: Balls]

B43K1/08C

- . . [N: Ball beds]

B43K1/08D

- . . [N: with resilient supporting means for the ball, e.g. springs] [N9602]

B43K1/08D1

- . . . [N: with an intermediate element between the resilient supporting means and the ball] [N9602]

B43K1/10

- . Wire nibs

B43K1/12

- . Writing-points comprising fibres; Felt pads

B43K3/00

Nib holders (holders for continuously adjustable nibs 17/00)

B43K3/00K

- . [N: Nib pinchers]

B43K3/02

- . with ink guards

B43K3/04

- . with retractable nibs (mechanisms for retracting or locking nibs [B43K24/00](#))

B43K5/00

Pens with ink reservoirs in holders, e.g. fountain-pens (nibs or writing-points with ink reservoirs [B43K1/01](#); ball-point pens [B43K7/00](#); pens with writing-points other than nibs or balls [B43K8/00](#); multiple-point writing implements [B43K27/00](#))

- B43K5/00G . [N: Pen barrels]
- B43K5/02 . Ink reservoirs
- B43K5/02M . . [N: with multiple colours]
- B43K5/03 . . specially adapted for concentrated ink, e.g. solid ink
- B43K5/04 . . flexible
- B43K5/06 . . with movable pistons [N: for withdrawing ink from an ink-receptacle ([B43K5/18V](#) takes precedence)]
- B43K5/08 . . . with ink-supplying valves [N: ([B43K5/14V](#) takes precedence)]
- B43K5/10 . . with reserve ink chambers
- B43K5/12 . . with ink-level inspection means
- B43K5/14 . . Exchangeable ink cartridges
- B43K5/14V . . . [N: with valves]
- B43K5/16 . with retractable nibs (mechanisms for retracting or locking nibs [B43K24/00](#))
- B43K5/16C . . [N: with detachable means, e.g. caps, co-operating with the writing element] [N9411]
- B43K5/17 . . with closing means [N: ([B43K5/16C](#) takes precedence)] [C9411]
- B43K5/18 . Arrangements for feeding the ink to the nibs
- B43K5/18B . . [N: Feed bars]
- B43K5/18V . . [N: Mechanical feeding means, e.g. valves; Pumps] [C9802]
- B43K5/18V1 . . . [N: Valves]
- B43K5/18V1B [N: automatically closing]
- B43K5/18V1B1 [N: opened by actuation of the writing point (nibs with ball points with resilient supporting means, e.g. acting as a valve [B43K1/08D](#))] [C9602]
- B43K5/18V1B1B [N: mounted on ink-cartridges]
- B43K5/18V1B2 [N: opened by actuation of the rear-side of the pen]
- B43K5/18V1B2B [N: mounted on ink-cartridges]
- B43K5/18V1B3 [N: when the writing point points upwards] [N9802]
- B43K5/18V2 . . . [N: Pumps]
- B43K7/00** **Ball-point pens** [N: [B43M11/08B](#) takes precedence]; multiple-point writing implements [B43K27/00](#) [C9609]
- B43K7/00G . [N: Pen barrels] [N1104]
- B43K7/01 . for low viscosity liquid ink
- B43K7/02 . Ink reservoirs; Ink cartridges ([B43K7/01](#) takes precedence)
- B43K7/03 . . pressurised, e.g. by gas
- B43K7/035 . . . the gas acting on a piston
- B43K7/04 . . Arrangements for filling the reservoirs, e.g. arrangements at the ball-point ends
- B43K7/06 . . Reservoirs with ink-level inspection means
- B43K7/08 . . Preventing leakage

- B43K7/10 . Arrangements for feeding ink to the ball points ([B43K7/01](#) takes precedence)
- B43K7/10B . . [N: Feed bars] [N9602]
- B43K7/12 . with retractable ball points (mechanisms for retracting or locking ball points [B43K24/00](#))
- B43K8/00** **Pens with writing-points other than nibs or balls** (brushes with reservoir for supplying substances [A46B11/00](#))
- B43K8/00G . N: Pen barrels] [N1104]
- B43K8/00S . [N: using a spraying system, e.g. airbrushes]
- B43K8/02 . with writing-points comprising fibres, felt, or similar porous or capillary material ([B43K8/22](#) takes precedence)
- B43K8/02B . . [N: with writing-points comprising fibres]
- B43K8/02C . . [N: with writing-points comprising felt]
- B43K8/02D . . [N: with writing-points comprising capillary material]
- B43K8/02P . . [N: Movable closure or gate] [N0512]
- B43K8/03 . . Ink reservoirs; Ink cartridges
- B43K8/04 . . Arrangements for feeding ink to writing-points
- B43K8/06 . . . Wick feed from within reservoir to writing-points
- B43K8/08 Wick separate from writing-points
- B43K8/10 . . . including compartment for soluble solid material
- B43K8/12 . . . writing-points or writing-point units being separable from reservoir
- B43K8/14 . with coreless tubular writing-points
- B43K8/14B . . [N: Arrangements for feeding the ink to the writing-points]
- B43K8/14R . . [N: Ink cartridges, ink reservoirs]
- B43K8/16 . with tubular writing-points comprising a movable cleaning element
- B43K8/16R . . [N: Ink cartridges, ink reservoirs]
- B43K8/18 . . Arrangements for feeding the ink to the writing-points
- B43K8/20 . with roller writing-points
- B43K8/22 . with electrically or magnetically activated writing-points
- B43K8/24 . characterised by the means for retracting writing-points
- B43K11/00** **Filling devices** (ink receptacles [B43L25/00](#))
- B43K11/00A . [N: for refilling capillary reservoirs] [N9411]
- B43K13/00** **Devices for removing nibs; Devices for cleaning nibs, e.g. by wiping** (ink receptacles with pen-wiping means [B43L25/12](#))

B43K13/00A	. [N: for extracting nibs]
B43K13/02	. for cleaning nibs, e.g. ink reservoirs therein
B43K15/00	Assembling, finishing, or repairing pens
B43K15/02	. Automatic machines
B43K17/00	Continuously-adjustable nibs, e.g. for drawing-pens; Holders therefor (features common to fountain pens B43K5/00)
B43K17/00B	. [N: continuously-adjustable nibs]
B43K17/01	. Nibs with ink reservoirs
B43K17/02	. Nibs having more than two legs
B43K17/04	. Holders with arrangements for drawing dotted lines
B43K19/00	Non-propelling pencils; Styles; Crayons; Chalks (batik pencils, cord-line chalkers B44D3/00 ; writing-core compositions for pencils, crayon compositions, chalk compositions C09D13/00)
B43K19/00C	. [N: Chalks]
B43K19/00E	. [N: with single short leads]
B43K19/02	. Pencils with graphite; Coloured pencils
B43K19/04	. Pencils with metallic writing-core
B43K19/06	. . the writing-core being made from substance wearing off during use
B43K19/08	. . the writing-core being made from wear-resistant substances
B43K19/10	. . . equipped with ball-point (using ink B43K1/08 , B43K7/00)
B43K19/12	. Slate pencils
B43K19/14	. Sheathings
B43K19/14P	. . [N: with paper sheaths]
B43K19/16	. Making non-propelling pencils (making slate-pencil writing-cores B28D)
B43K19/18	. . Making pencil writing-cores
B43K21/00	Propelling pencils (projecting mechanisms for writing units B43K24/00 ; multiple-point writing implements B43K27/00)
B43K21/00B	. [N: with lead sections or lead cartridges]
B43K21/00G	. [N: Pencil-barrels]

- B43K21/02 . Writing-core feeding mechanisms
- B43K21/027 . . with sliding tubelike writing-core guide
- B43K21/033 . . . with automatic feed by pressure during use of pencil
- B43K21/04 . . with the writing-cores brought into position by gravity
- B43K21/04B . . . [N: with writing-cores automatically replaced from magazines]
- B43K21/06 . . with the writing-cores fed by means sliding in longitudinally-slotted casings
- B43K21/08 . . with the writing-cores fed by screws
- B43K21/08D . . . [N: with a threaded propelling shank]
- B43K21/10 . . . with separate writing-core remnants ejecting-bar
- B43K21/12 . . . with means preventing over-winding
- B43K21/14 . . . with writing-cores automatically replaced from magazines
- B43K21/16 . . with stepwise feed of writing-cores
- B43K21/18 . . . having ratchet means
- B43K21/20 . . . with writing-cores automatically replaced from magazines
- B43K21/22 . . Writing-core gripping means, e.g. chucks

- B43K21/24 . Assembling, finishing, or repairing propelling pencils ([making pencil writing-cores B43K19/18](#))
- B43K21/26 . . Automatic machines

- B43K23/00** **Holders or connectors for writing implements; Means for protecting the writing-points** [N: ([B43K27/00A takes precedence](#))] [C9411]

- B43K23/00B . [N: Supporting means (bracelets with means for attaching a writing instrument or a memo pad [A44C5/00B10](#))]
- B43K23/00B2 . . [N: with a fixed base]

- B43K23/004 . Holders specially adapted for assisting handicapped or disabled persons to write ([B43L15/00 takes precedence](#))

- B43K23/008 . Holders comprising finger grips ([B43K23/004](#), [B43K23/012 take precedence](#))

- B43K23/012 . Holders for attachment to finger tips ([B43K23/004 takes precedence](#))

- B43K23/016 . Holders for crayons or chalks ([B43K23/004 to B43K23/012](#), [B43K23/02 take precedence](#))

- B43K23/02 . with means for preventing rolling ([B43K23/004 to B43K23/012 take precedence](#))
- B43K23/04 . . enabling the writing implement to be set upright

- B43K23/06 . Means for connecting two or more writing implements

- B43K23/08 . Protecting means, e.g. caps
- B43K23/10 . . for pencils
- B43K23/12 . . for pens [N: (caps co-operating with retractable nibs [B43K5/16C](#))] [C9411]
- B43K23/12A . . . [N: with means for preventing choking]

- B43K23/12A1 [N: comprising an air passage]
- B43K23/12C . . . [N: with clips]
- B43K23/12S . . . [N: with spring means] [N9605]

B43K24/00**Mechanisms for selecting, projecting, retracting or locking writing units**

- B43K24/02 . for locking a single writing unit in only fully projected or retracted positions
- B43K24/02A . . [N: with a deformable barrel]
- B43K24/02C . . [N: with a sleeve sliding on the forward end of the lead]
- B43K24/03 . . operated by flicking or tilting
- B43K24/04 . . operated by means sliding in longitudinally-slotted casings
- B43K24/06 . . operated by turning means
- B43K24/08 . . operated by push-buttons
- B43K24/08B . . . [N: placed on the side]
- B43K24/08C . . . [N: with saw-like or analogous cams]
- B43K24/08D . . . [N: with heart-shaped cams, balls]
- B43K24/08E . . . [N: with spreading spring means]
- B43K24/10 . for selecting, projecting and locking several writing units
- B43K24/12 . . operating by means sliding in longitudinally-slotted casings
- B43K24/14 . . operated by turning means
- B43K24/14G . . . [N: with two-way threads]
- B43K24/14K . . . [N: with cam control]
- B43K24/16 . . operated by push-buttons
- B43K24/16B . . . [N: with one push-button for each writing unit]
- B43K24/16P . . . [N: selection by gravity with a pendulum or the like]
- B43K24/18 . . and for feeding the writing-cores
- B43K24/18H . . . [N: with push-buttons]
- B43K24/18T . . . [N: with a revolving barrel]

B43K25/00**Attaching writing implements to wearing apparel or objects involving constructional changes of the implements** (protecting means, e.g. caps [B43K23/08](#); garment-holding devices [A44B21/00](#); fastening articles to wearing apparel [A45F5/02](#))

- B43K25/02 . Clips
- B43K25/02A . . [N: attached to a pen cap]
- B43K25/02B . . [N: detachably secured to the writing tool]
- B43K25/02C . . [N: combined with other objects]
- B43K25/02D . . [N: combined with means for propelling, projecting or retracting the writing unit]

B43K27/00**Multiple-point writing implements, e.g. multicolour; Combinations of writing implements** ([B43K29/00](#) takes precedence; mechanisms for selecting, projecting, retracting or locking writing units [B43K24/00](#); multiple writing devices with pantographic linkages [B43L13/12](#))

- B43K27/00A . [N: only one holder being used either for the pencil or the pen] [N9411]
- B43K27/00G . [N: Pen or pencil barrels] [N1104]
- B43K27/02 . Combinations of pens and pencils
- B43K27/04 . Combinations of pencils (writing-core feed mechanisms [B43K21/02](#))
- B43K27/08 . Combinations of pens
- B43K27/12 . . of ball-point pens

B43K29/00 Combinations of writing implements with other articles

- B43K29/00B . [N: with compasses]
- B43K29/00J . [N: with chance games, e.g. dices, lottery numbers]
- B43K29/00L . [N: with optical equipment, e.g. magnifier, viewer]
- B43K29/00M . [N: with more than one object]
- B43K29/00N . [N: with sound or noise making devices, e.g. radio, alarm]
- B43K29/007 . with advertising means
- B43K29/013 . with stamping means
- B43K29/02 . with rubbers
- B43K29/04 . with blotters
- B43K29/05 . with applicators for eradicating- or correcting-liquid
- B43K29/06 . with sharpening devices (with erasing knives [B43K29/18](#); pocket knives with pencils [B26B](#))
- B43K29/08 . with measuring, computing or indicating devices
- B43K29/087 . . for indicating time, e.g. with calendars or watches
- B43K29/087C . . . [N: with calendars]
- B43K29/093 . . with calculators
- B43K29/10 . with illuminating devices
- B43K29/12 . with memorandum appliances (with book covers [B42D](#))
- B43K29/16 . with lighters
- B43K29/18 . with hand tools, e.g. erasing knives (with pocket knives [B26B](#))
- B43K29/18C . . [N: with cheque protectors]

- B43K29/20
- with other articles having storage compartments (with lighters [B43K29/16](#); writing implements functioning as, or combined with, writing implement receptacles [B43K31/00](#))
- B43K31/00
- Writing implement receptacles functioning as, or combined with, writing implements** (other writing implement receptacles [A45C11/34](#), [A45C11/36](#))
- B43K31/00M
- [N: Distributors for leads, cartridges and the like]