

B43 WRITING OR DRAWING IMPLEMENTS; BUREAU ACCESSORIES

B43K IMPLEMENTS FOR WRITING OR DRAWING (containers, casings or accessories for cosmetic substances, e.g. shaving soap, lipstick, make-up, A45D 34/00, A45D 40/00)

Note

In this subclass, the following expression is used with the meaning indicated: [6]

- “writing implements” covers pens, pencils, crayons, chalks or like markers for writing or drawing. [6]

Subclass Index

IMPLEMENTS WITH CORES

- Without mechanisms..... 19/00
- With mechanisms..... 21/00
- Accessories 23/00, 25/00

IMPLEMENTS USING INK

- Without reservoir 3/00
- With reservoir 5/00, 7/00, 8/00

Nibs; filling devices; caps1/00, 17/00;
11/00; 23/00

Manufacture, maintenance13/00, 15/00

SELECTING, PROJECTING, RETRACTING

OR LOCKING WRITING UNITS 24/00

MULTIPLE-POINT WRITING

IMPLEMENTS 27/00

COMBINATIONS

Of writing implements with other
articles29/00, 31/00

1/00 Nibs (continuously-adjustable nibs B43K 17/00);
Writing-points (for indicating or recording apparatus
G01D 15/16) [2]

- 1/01 . with ink reservoirs, e.g. funnel-shaped [6]
- 1/02 . Split nibs
- 1/04 . . with broadened tips
- 1/06 . Tubular writing-points
- 1/08 . with ball points; Balls or ball beds
- 1/10 . Wire nibs
- 1/12 . Writing-points comprising fibres; Felt pads

3/00 Nib holders (holders for continuously-adjustable nibs
B43K 17/00)

- 3/02 . with ink guards
- 3/04 . with retractable nibs (mechanisms for retracting or
locking nibs B43K 24/00)

**5/00 Pens with ink reservoirs in holders, e.g. fountain-
pens** (nibs or writing-points with ink reservoirs
B43K 1/01; ball-point pens B43K 7/00; pens with
writing-points other than nibs or balls B43K 8/00;
multiple-point writing implements B43K 27/00)

- 5/02 . Ink reservoirs
- 5/03 . . specially adapted for concentrated ink, e.g. solid
ink [6]
- 5/04 . . flexible
- 5/06 . . with movable pistons
- 5/08 . . . with ink-supplying valves
- 5/10 . . with reserve ink chambers
- 5/12 . . with ink-level inspection means
- 5/14 . . Exchangeable ink cartridges
- 5/16 . with retractable nibs (mechanisms for retracting or
locking nibs B43K 24/00)
- 5/17 . . with closing means [6]
- 5/18 . Arrangements for feeding the ink to the nibs

7/00 Ball-point pens (multiple-point writing implements
B43K 27/00)

- 7/01 . for low viscosity liquid ink [6]
- 7/02 . Ink reservoirs; Ink cartridges (B43K 7/01 takes
precedence) [6]

7/03 . . pressurised, e.g. by gas [5]

7/035 . . . the gas acting on a piston [6]

7/04 . . Arrangements for refilling the reservoirs,
e.g. arrangements at the ball-point ends

7/06 . . Reservoirs with ink-level inspection means

7/08 . . Preventing leakage

7/10 . Arrangements for feeding the ink to the ball points
(B43K 7/01 takes precedence) [6]

7/12 . with retractable ball points (mechanisms for
retracting or locking ball points B43K 24/00)

8/00 Pens with writing-points other than nibs or balls
(brushes with reservoir for supplying substances
A46B 11/00)

8/02 . with writing-points comprising fibres, felt, or similar
porous or capillary material (B43K 8/22 takes
precedence) [2,5]

8/03 . . Ink reservoirs; Ink cartridges [6]

8/04 . . Arrangements for feeding ink to writing-points [5]

8/06 . . . Wick feed from within reservoir to writing-
points [5]

8/08 Wick separate from writing-points [5]

8/10 . . . including compartment for soluble solid
material [5]

8/12 . . . writing-points or writing-point units being
separable from reservoir [5]

8/14 . with coreless tubular writing-points [5]

8/16 . with tubular writing-points comprising a movable
cleaning element [5]

8/18 . . Arrangements for feeding the ink to the writing-
points [5]

8/20 . with roller writing-points [5]

8/22 . with electrically or magnetically activated writing-
points [5]

8/24 . characterised by the means for retracting writing-
points [5]

11/00 Filling devices (ink receptacles B43L 25/00)

- 13/00 Devices for removing nibs; Devices for cleaning nibs, e.g. by wiping** (ink receptacles with pen-wiping means B43L 25/12) [3]
- 13/02 . for cleaning nibs, e.g. ink reservoirs therein [6]
- 15/00 Assembling, finishing, or repairing pens**
- 15/02 . Automatic machines
- 17/00 Continuously-adjustable nibs, e.g. for drawing-pens; Holders therefor** (features common to fountain-pens B43K 5/00)
- 17/01 . Nibs with ink reservoirs [6]
- 17/02 . Nibs having more than two legs
- 17/04 . Holders with arrangements for drawing dotted lines
- 19/00 Non-propelling pencils; Styles; Crayons; Chalks** (batik pencils, cord line chalkers B44D 3/00; writing-core compositions for pencils, crayon compositions, chalk compositions C09D 13/00) [2]
- 19/02 . Pencils with graphite; Coloured pencils
- 19/04 . Pencils with metallic writing-core
- 19/06 . . the writing-core being made from substance wearing off during use
- 19/08 . . the writing-core being made from wear-resistant substances
- 19/10 . . . equipped with ball point (using ink B43K 1/08, B43K 7/00)
- 19/12 . Slate pencils
- 19/14 . Sheathings
- 19/16 . Making non-propelling pencils (making slate-pencil writing-cores B28D)
- 19/18 . . Making pencil writing-cores
- 21/00 Propelling pencils** (projecting mechanisms for writing units B43K 24/00; multiple-point writing implements B43K 27/00)
- 21/02 . Writing-core feeding mechanisms
- 21/027 . . with sliding tube-like writing-core guide [5]
- 21/033 . . . with automatic feed by pressure during use of pencil [5]
- 21/04 . . with the writing-cores brought into position by gravity
- 21/06 . . with the writing-cores fed by means sliding in longitudinally-slotted casings
- 21/08 . . with the writing-cores fed by screws
- 21/10 . . . with separate writing-core remnants ejecting-bar
- 21/12 . . . with means preventing overwinding
- 21/14 . . . with writing-cores automatically replaced from magazines
- 21/16 . . with stepwise feed of writing-cores
- 21/18 . . . having ratchet means
- 21/20 . . . with writing-cores automatically replaced from magazines
- 21/22 . . Writing-cores gripping means, e.g. chucks
- 21/24 . Assembling, finishing, or repairing propelling pencils (making pencil writing-cores B43K 19/18)
- 21/26 . . Automatic machines
- 23/00 Holders or connectors for writing implements; Means for protecting the writing-points**
- 23/004 . Holders specially adapted for assisting handicapped or disabled persons to write (B43L 15/00 takes precedence) [6]
- 23/008 . Holders comprising finger grips (B43K 23/004, B43K 23/012 take precedence) [6]
- 23/012 . Holders for attachment to finger tips (B43K 23/004 takes precedence) [6]
- 23/016 . Holders for crayons or chalks (B43K 23/004 to B43K 23/012, B43K 23/02 take precedence) [6]
- 23/02 . with means for preventing rolling (B43K 23/004 to B43K 23/012 take precedence) [6]
- 23/04 . . enabling the writing implement to be set upright
- 23/06 . Means for connecting two or more writing implements [6]
- 23/08 . Protecting means, e.g. caps [6]
- 23/10 . . for pencils [6]
- 23/12 . . for pens [6]
- 24/00 Mechanisms for selecting, projecting, retracting or locking writing units [6]**
- 24/02 . for locking a single writing unit in only fully projected or retracted positions
- 24/03 . . operated by flicking or tilting [6]
- 24/04 . . operated by means sliding in longitudinally-slotted casings
- 24/06 . . operated by turning means
- 24/08 . . operated by push-buttons
- 24/10 . for selecting, projecting and locking several writing units
- 24/12 . . operated by means sliding in longitudinally-slotted casings
- 24/14 . . operated by turning means
- 24/16 . . operated by push-buttons
- 24/18 . . and for feeding the writing cores
- 25/00 Attaching writing implements to wearing apparel or objects involving constructional changes of the of the implements** (protecting means, e.g. caps, B43K 23/08; garment-holding devices A44B 21/00; fastening articles to wearing apparel A45F 5/02)
- 25/02 . Clips [6]
- 27/00 Multiple-point writing implements, e.g. multicolour; Combinations of writing implements** (B43K 29/00 takes precedence; mechanisms for selecting, projecting, retracting or locking writing units B43K 24/00; multiple writing devices with pantographic linkages B43L 13/12)
- 27/02 . Combinations of pens and pencils
- 27/04 . Combinations of pencils (writing-core feed mechanisms B43K 21/02)
- 27/08 . Combinations of pens
- 27/12 . . of ball-point pens [3]
- 29/00 Combinations of writing implements with other articles**
- 29/007 . with advertising means [6]
- 29/013 . with stamping means [6]
- 29/02 . with rubbers
- 29/04 . with blotters
- 29/05 . with applicators for eradicating- or correcting-liquid [6]
- 29/06 . with sharpening devices (with erasing knives B43K 29/18; pocket knives with pencils B26B)
- 29/08 . with measuring, computing or indicating devices
- 29/087 . . for indicating time, e.g. with calendars or watches [6]
- 29/093 . . with calculators [6]
- 29/10 . with illuminating devices
- 29/12 . with memorandum appliances (with book covers B42D)
- 29/16 . with lighters

- 29/18 . with hand tools, e.g. erasing knives (with pocket knives B26B)
- 29/20 . with other articles having storage compartments (with lighters B43K 29/16; writing implements functioning as, or combined with, writing implement receptacles B43K 31/00)

31/00 Writing implement receptacles functioning as, or combined with, writing implements (other writing implement receptacles A45C 11/34, A45C 11/36)

B43L ARTICLES FOR WRITING OR DRAWING UPON; ACCESSORIES FOR WRITING OR DRAWING (workshop equipment for marking-out work B25H 7/00; teaching hand-writing or drawing G09B 11/00)

Note

This subclass does not cover devices used for both teaching and facilitating writing or drawing, which are covered by group G09B 11/00. [3]

Subclass Index

ARTICLES FOR WRITING OR DRAWING UPON

- Boards or tablets 1/00
- Underlays 3/00
- Drawing-boards 5/00

AIDS FOR DRAWING

- Straight lines 7/00
- Circles 9/00
- Other curves 11/00

- Means to prevent slippage 12/00
- Other figures 13/00

ATTACHMENT TO HANDS OR ARMS 15/00

BLOTTERS 17/00

ACCESSORIES FOR

- Rubbing or erasing 19/00
- Cleaning blackboards or slates 21/00
- Sharpening pencils or leads 23/00

INK RECEPTACLES; INK STANDS 25/00; 27/00

Articles for writing or drawing upon

1/00 Repeatedly-usable boards or tablets for writing or drawing (drawing-boards B43L 5/00)

- 1/02 . Slates
- 1/04 . Blackboards (easels or stands for blackboards A47B 97/04)
- 1/06 . . rigid
- 1/08 . . flexible
- 1/10 . . Writing surfaces thereof
- 1/12 . having translucent writing surfaces producing visual impressions by co-operation with backing members

3/00 Writing or drawing-underlays, e.g. blotting pads (blotters B43L 17/00)

5/00 Drawing-boards (drawing-desks or tables A47B 27/00, A47B 85/02; stands for drawing-boards A47B 97/04)

- 5/02 . having means for clamping sheets of paper thereto (drawing-pins B43M 15/00)

Writing or drawing aids

7/00 Straightedges (guides for rulers other than for T-squares B43L 13/04; curve rulers or templets B43L 13/20; straightedges characterised by the provision of indicia or the like for measuring, e.g. rulers or tapes with measuring scales or marks for direct reading, G01B)

Note

In this group, the following term is used with the meaning indicated:

- “straightedge” means an instrument or its edge serving the purpose of acting as a guide for the drawing of a straight line. [5]

7/02 . T-squares

7/027 . Plural non-adjustable straightedges fixed at right angles (B43L 7/02 takes precedence) [5]

7/033 . Plural non-adjustable straightedges forming non-right angles [5]

7/04 . with rollers (with interconnected rollers B43L 13/02)

7/08 . with arrangements for attaching additional drawing equipment, e.g. for hatching, dotting

7/10 . Plural straightedges relatively movable [5]

7/12 . . Square and pivoting straightedges [5]

7/14 . . Square and sliding straightedges [5]

9/00 Circular curve-drawing or like instruments (curve rulers or templets B43L 13/20)

9/02 . Compasses (proportional compasses B43L 9/08; compasses for drawing spirals B43L 11/06)

9/04 . . Beam compasses

9/06 . . with legs formed by flat springs

9/08 . Proportional compasses or dividers

9/10 . . with arrangements for drawing polygons

B43L – B43M

9/12	• Dividers (proportional dividers B43L 9/08)
9/14	• with changeable leg-ends for conversion into compasses, dividers, or callipers (B43L 9/24 takes precedence)
9/16	• Features common to compasses, dividers, or callipers
9/18	• • Legs with toggle joints
9/20	• • Pivots
9/22	• • Leg-angle adjusting-means separate from pivots
9/24	• • Means for mounting points or writing appliances on legs
11/00	Non-circular-curve-drawing instruments (curve rulers or templates B43L 13/20)
11/02	• for drawing conic sections
11/04	• • for drawing ellipses
11/045	• • • with cords or like flexible elements [5]
11/05	• • • with gears [5]
11/055	• • • with guides [5]
11/06	• for drawing spirals
11/08	• for drawing involutes
12/00	Means to prevent slippage [5]
12/02	• magnetic [5]
13/00	Drawing instruments, or writing or drawing appliances or accessories, not otherwise provided for (stencils for surface decoration B44D)
13/02	• Drafting machines or drawing devices for keeping parallelism (T-squares B43L 7/02)
13/04	• • Guides for rulers
13/06	• • • with pivoted guide rods
13/08	• • Protractor heads
13/10	• Pantographic instruments for copying, enlarging, or diminishing (arrangements for copying in machine tools B23Q)
13/12	• • Multiple writing devices
13/14	• Devices for drawing in perspective
13/16	• • free-hand
13/18	• • • having optical or projecting equipment (optical systems or apparatus G02B; projectors G03B)
13/20	• Curve rulers or templates
13/22	• • Adjustable curve rulers
13/24	• Devices for generating stepwise movements of drawing equipment, e.g. for hatching

15/00	Supports for attachment to hands or arms for facilitating writing or drawing
17/00	Blotters (blotting pads B43L 3/00; combined with writing implements B43K 29/04; making blotting paper D21F 11/14) [2]
17/02	• for blotting-paper sheets
17/04	• • hand-held
17/06	• for reeled blotting-paper
17/08	• • Roller blotters
17/10	• using blotting material other than paper
19/00	Erasers, rubbers, or erasing devices; Holders therefor (rubbers or erasing knives combined with writing implements B43K 29/02, B43K 29/18)
19/02	• Erasing knives (knives in general B26B)
19/04	• Fibrous erasers
21/00	Blackboard or slate-cleaning devices
21/02	• with means for absorbing the chalk dust
21/04	• Wiper holders
23/00	Sharpeners for pencils or leads (grinding or cutting tools in general B24, B26; combined with writing implements B43K 29/06) [2]
23/02	• with gearing
23/04	• • with cranked handles
23/06	• in which the pencils or leads are sharpened by only axial movement against cutting blades
23/08	• in which the pencils or leads are sharpened mainly by rotational movement against cutting blades (B43L 23/02 takes precedence)
25/00	Ink receptacles (liquid receptacles in general B65D, e.g. B65D 1/00)
25/02	• with separate dipping-cups
25/04	• • supplied by pressure arrangements
25/06	• • supplied by tilting the receptacles
25/08	• with arrangements for dissolving ink powder
25/10	• with means for holding objects
25/12	• with pen-wiping means
27/00	Ink stands
27/02	• having means for securing objects thereon
27/04	• securable to other objects

B43M BUREAU ACCESSORIES NOT OTHERWISE PROVIDED FOR (stapling devices B25C, B27F; devices for temporarily attaching sheets together B42F; adhesive tape dispensers B65H 35/07)

Subclass Index

FIXING SEALS; INSERTING DOCUMENTS
INTO, CLOSING, OR OPENING

ENVELOPES..... 1/00; 3/00,
5/00, 7/00

PAPER-WEIGHTS; DEVICES FOR
APPLYING LIQUIDS; STAMP

DISPENSERS; DRAWING-PINS OR
THUMB-TACKS; OTHER ACCESSORIES9/00; 11/00;
13/00; 15/00; 17/00

1/00	Fixing seals on documents (embossing dies B44B; seals <u>per se</u> G09F 3/00)
1/02	• Sealing-wax holders

3/00	Devices for inserting documents into envelopes (combined devices for inserting documents into, and closing, envelopes B43M 5/00)
3/02	• equipped with document-folding means (B43M 3/04 takes precedence)
3/04	• automatic

5/00	Devices for closing envelopes	
5/02	<ul style="list-style-type: none"> Hand devices for both moistening gummed flaps of envelopes and for closing the envelopes 	11/04 <ul style="list-style-type: none"> with pads (B43M 11/06 takes precedence)
5/04	<ul style="list-style-type: none"> automatic 	11/06 <ul style="list-style-type: none"> Hand-held devices
		11/08 <ul style="list-style-type: none"> of the fountain-pen type
7/00	Devices for opening envelopes (cutting tools in general B26)	13/00 Dispensers without mechanisms for single stamps modified for the application of stamps to articles (manually-controlled or manually-operable label or stamp dispensers B65C 11/00)
7/02	<ul style="list-style-type: none"> Devices for both opening envelopes and removing contents 	
9/00	Paper-weights	15/00 Drawing-pins; Thumb-tacks (extractors B25C 11/00)
11/00	Hand or desk devices of the office or personal type for applying liquid, other than ink, by contact to surfaces, e.g. for applying adhesive (combined with envelope-closing devices B43M 5/02; reservoir brushes A46B 11/00; devices for applying liquids or other fluent materials to surfaces in general B05C; liquid receptacles B65D)	17/00 Other bureau accessories
11/02	<ul style="list-style-type: none"> with rollers 	