

SECTION B — PERFORMING OPERATIONS; TRANSPORTING

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(s) [6]

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.

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; caps..... | 1/00, 17/00, 11/00, 23/00 |
| Manufacture, maintenance..... | 13/00, 15/00 |

SELECTING, PROJECTING, RETRACTING OR LOCKING WRITING UNITS.....24/00

MULTIPLE-POINT WRITING IMPLEMENTS.....27/00

COMBINATIONS

| | |
|--|--------------|
| Of writing implements with other articles..... | 29/00, 31/00 |
|--|--------------|

| | | | |
|-------------|--|-------------|--|
| 1/00 | Nibs (continuously-adjustable nibs B43K 17/00); Writing- points (for indicating or recording apparatus G01D 15/16) [1, 2, 2006.01] | 5/10 | • • with reserve ink chambers [1, 2006.01] |
| 1/01 | • with ink reservoirs, e.g. funnel-shaped [6, 2006.01] | 5/12 | • • with ink-level inspection means [1, 2006.01] |
| 1/02 | • Split nibs [1, 2006.01] | 5/14 | • • Exchangeable ink cartridges [1, 2006.01] |
| 1/04 | • • with broadened tips [1, 2006.01] | 5/16 | • with retractable nibs (mechanisms for retracting or locking nibs B43K 24/00) [1, 2006.01] |
| 1/06 | • Tubular writing-points [1, 2006.01] | 5/17 | • • with closing means [6, 2006.01] |
| 1/08 | • with ball points; Balls or ball beds [1, 2006.01] | 5/18 | • Arrangements for feeding the ink to the nibs [1, 2006.01] |
| 1/10 | • Wire nibs [1, 2006.01] | | |
| 1/12 | • Writing-points comprising fibres; Felt pads [1, 2006.01] | 7/00 | Ball-point pens (multiple-point writing implements B43K 27/00) [1, 2006.01] |
| 3/00 | Nib holders (holders for continuously-adjustable nibs B43K 17/00) [1, 2006.01] | 7/01 | • for low viscosity liquid ink [6, 2006.01] |
| 3/02 | • with ink guards [1, 2006.01] | 7/02 | • Ink reservoirs; Ink cartridges (B43K 7/01 takes precedence) [1, 6, 2006.01] |
| 3/04 | • with retractable nibs (mechanisms for retracting or locking nibs B43K 24/00) [1, 2006.01] | 7/03 | • • pressurised, e.g. by gas [5, 2006.01] |
| 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) [1, 2006.01] | 7/035 | • • • the gas acting on a piston [6, 2006.01] |
| 5/02 | • Ink reservoirs [1, 2006.01] | 7/04 | • • Arrangements for refilling the reservoirs, e.g. arrangements at the ball-point ends [1, 2006.01] |
| 5/03 | • • specially adapted for concentrated ink, e.g. solid ink [6, 2006.01] | 7/06 | • • Reservoirs with ink-level inspection means [1, 2006.01] |
| 5/04 | • • flexible [1, 2006.01] | 7/08 | • • Preventing leakage [1, 2006.01] |
| 5/06 | • • with movable pistons [1, 2006.01] | 7/10 | • Arrangements for feeding the ink to the ball points (B43K 7/01 takes precedence) [1, 6, 2006.01] |
| 5/08 | • • • with ink-supplying valves [1, 2006.01] | 7/12 | • with retractable ball points (mechanisms for retracting or locking ball points B43K 24/00) [1, 2006.01] |
| | | 8/00 | Pens with writing-points other than nibs or balls (brushes with reservoir for supplying substances A46B 11/00) [1, 2006.01] |

- 8/02 • with writing-points comprising fibres, felt, or similar porous or capillary material (B43K 8/22 takes precedence) [2, 5, 2006.01]
- 8/03 • • Ink reservoirs; Ink cartridges [6, 2006.01]
- 8/04 • • Arrangements for feeding ink to writing-points [5, 2006.01]
- 8/06 • • • Wick feed from within reservoir to writing-points [5, 2006.01]
- 8/08 • • • • Wick separate from writing-points [5, 2006.01]
- 8/10 • • • including compartment for soluble solid material [5, 2006.01]
- 8/12 • • • writing-points or writing-point units being separable from reservoir [5, 2006.01]
- 8/14 • with coreless tubular writing-points [5, 2006.01]
- 8/16 • with tubular writing-points comprising a movable cleaning element [5, 2006.01]
- 8/18 • • Arrangements for feeding the ink to the writing-points [5, 2006.01]
- 8/20 • with roller writing-points [5, 2006.01]
- 8/22 • with electrically or magnetically activated writing-points [5, 2006.01]
- 8/24 • characterised by the means for retracting writing-points [5, 2006.01]
- 11/00 **Filling devices** (ink receptacles B43L 25/00) [1, 2006.01]
- 13/00 **Devices for removing nibs; Devices for cleaning nibs, e.g. by wiping** (ink receptacles with pen-wiping means B43L 25/12) [1, 3, 2006.01]
- 13/02 • for cleaning nibs, e.g. ink reservoirs therein [6, 2006.01]
- 15/00 **Assembling, finishing, or repairing pens** [1, 2006.01]
- 15/02 • Automatic machines [1, 2006.01]
- 17/00 **Continuously-adjustable nibs, e.g. for drawing-pens; Holders therefor** (features common to fountain-pens B43K 5/00) [1, 2006.01]
- 17/01 • Nibs with ink reservoirs [6, 2006.01]
- 17/02 • Nibs having more than two legs [1, 2006.01]
- 17/04 • Holders with arrangements for drawing dotted lines [1, 2006.01]
- 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) [1, 2, 2006.01]
- 19/02 • Pencils with graphite; Coloured pencils [1, 2006.01]
- 19/04 • Pencils with metallic writing-core [1, 2006.01]
- 19/06 • • the writing-core being made from substance wearing off during use [1, 2006.01]
- 19/08 • • the writing-core being made from wear-resistant substances [1, 2006.01]
- 19/10 • • • equipped with ball point (using ink B43K 1/08, B43K 7/00) [1, 2006.01]
- 19/12 • Slate pencils [1, 2006.01]
- 19/14 • Sheathings [1, 2006.01]
- 19/16 • Making non-propelling pencils (making slate-pencil writing-cores B28D) [1, 2006.01]
- 19/18 • • Making pencil writing-cores [1, 2006.01]
- 21/00 **Propelling pencils** (projecting mechanisms for writing units B43K 24/00; multiple-point writing implements B43K 27/00) [1, 2006.01]
- 21/02 • Writing-core feeding mechanisms [1, 2006.01]
- 21/027 • • with sliding tube-like writing-core guide [5, 2006.01]
- 21/033 • • • with automatic feed by pressure during use of pencil [5, 2006.01]
- 21/04 • • with the writing-cores brought into position by gravity [1, 2006.01]
- 21/06 • • with the writing-cores fed by means sliding in longitudinally-slotted casings [1, 2006.01]
- 21/08 • • with the writing-cores fed by screws [1, 2006.01]
- 21/10 • • • with separate writing-core remnants ejecting-bar [1, 2006.01]
- 21/12 • • • with means preventing overwinding [1, 2006.01]
- 21/14 • • • with writing-cores automatically replaced from magazines [1, 2006.01]
- 21/16 • • with stepwise feed of writing-cores [1, 2006.01]
- 21/18 • • • having ratchet means [1, 2006.01]
- 21/20 • • • with writing-cores automatically replaced from magazines [1, 2006.01]
- 21/22 • • Writing-cores gripping means, e.g. chucks [1, 2006.01]
- 21/24 • Assembling, finishing, or repairing propelling pencils (making pencil writing-cores B43K 19/18) [1, 2006.01]
- 21/26 • • Automatic machines [1, 2006.01]
- 23/00 **Holders or connectors for writing implements; Means for protecting the writing-points** [1, 2006.01]
- 23/004 • Holders specially adapted for assisting handicapped or disabled persons to write (B43L 15/00 takes precedence) [6, 2006.01]
- 23/008 • Holders comprising finger grips (B43K 23/004, B43K 23/012 take precedence) [6, 2006.01]
- 23/012 • Holders for attachment to finger tips (B43K 23/004 takes precedence) [6, 2006.01]
- 23/016 • Holders for crayons or chalks (B43K 23/004-B43K 23/012, B43K 23/02 take precedence) [6, 2006.01]
- 23/02 • with means for preventing rolling (B43K 23/004-B43K 23/012 take precedence) [1, 6, 2006.01]
- 23/04 • • enabling the writing implement to be set upright [1, 2006.01]
- 23/06 • Means for connecting two or more writing implements [6, 2006.01]
- 23/08 • Protecting means, e.g. caps [6, 2006.01]
- 23/10 • • for pencils [6, 2006.01]
- 23/12 • • for pens [6, 2006.01]
- 24/00 **Mechanisms for selecting, projecting, retracting or locking writing units** [1, 6, 2006.01]
- 24/02 • for locking a single writing unit in only fully projected or retracted positions [1, 2006.01]
- 24/03 • • operated by flicking or tilting [6, 2006.01]
- 24/04 • • operated by means sliding in longitudinally-slotted casings [1, 2006.01]
- 24/06 • • operated by turning means [1, 2006.01]
- 24/08 • • operated by push-buttons [1, 2006.01]
- 24/10 • for selecting, projecting and locking several writing units [1, 2006.01]
- 24/12 • • operated by means sliding in longitudinally-slotted casings [1, 2006.01]
- 24/14 • • operated by turning means [1, 2006.01]
- 24/16 • • operated by push-buttons [1, 2006.01]
- 24/18 • • and for feeding the writing cores [1, 2006.01]

- 25/00 Attaching writing implements to wearing apparel or objects involving constructional changes of the implements** (protecting means, e.g. caps, B43K 23/08; fastening articles to wearing apparel A45F 5/02) **[1, 2006.01]**
- 25/02 • Clips **[6, 2006.01]**
- 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) **[1, 2006.01]**
- 27/02 • Combinations of pens and pencils **[1, 2006.01]**
- 27/04 • Combinations of pencils (writing-core feed mechanisms B43K 21/02) **[1, 2006.01]**
- 27/08 • Combinations of pens **[1, 2006.01]**
- 27/12 • • of ball-point pens **[1, 3, 2006.01]**
- 29/00 Combinations of writing implements with other articles [1, 2006.01]**
- 29/007 • with advertising means **[6, 2006.01]**
- 29/013 • with stamping means **[6, 2006.01]**
- 29/02 • with rubbers **[1, 2006.01]**
- 29/04 • with blotters **[1, 2006.01]**
- 29/05 • with applicators for eradicating- or correcting-liquid **[6, 2006.01]**
- 29/06 • with sharpening devices (with erasing knives B43K 29/18; pocket knives with pencils B26B) **[1, 2006.01]**
- 29/08 • with measuring, computing or indicating devices **[1, 2006.01]**
- 29/087 • • for indicating time, e.g. with calendars or watches **[6, 2006.01]**
- 29/093 • • with calculators **[6, 2006.01]**
- 29/10 • with illuminating devices **[1, 2006.01]**
- 29/12 • with memorandum appliances (with book covers B42D) **[1, 2006.01]**
- 29/16 • with lighters **[1, 2006.01]**
- 29/18 • with hand tools, e.g. erasing knives (with pocket knives B26B) **[1, 2006.01]**
- 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) **[1, 2006.01]**
- 31/00 Writing implement receptacles functioning as, or combined with, writing implements** (other writing implement receptacles A45C 11/34, A45C 11/36) **[1, 2006.01]**