

Symbol	Typ	Titel
B	Sektion	PERFORMING OPERATIONS; TRANSPORTING
B43	Klasse	WRITING OR DRAWING IMPLEMENTS; BUREAU ACCESSORIES
B43K	Unterklasse	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)
B43K 1/00	Hauptgruppe	Nibs (continuously-adjustable nibs B43K 17/00); Writing- points (for indicating or recording apparatus G01D 15/16) [2]
B43K 1/01	1-Punkt Untergruppe	. with ink reservoirs, e.g. funnel-shaped [6]
B43K 1/02	1-Punkt Untergruppe	. Split nibs
B43K 1/04	2-Punkt Untergruppe	. . with broadened tips
B43K 1/06	1-Punkt Untergruppe	. Tubular writing-points
B43K 1/08	1-Punkt Untergruppe	. with ball points; Balls or ball beds
B43K 1/10	1-Punkt Untergruppe	. Wire nibs
B43K 1/12	1-Punkt Untergruppe	. Writing-points comprising fibres; Felt pads
B43K 3/00	Hauptgruppe	Nib holders (holders for continuously-adjustable nibs B43K 17/00)
B43K 3/02	1-Punkt Untergruppe	. with ink guards
B43K 3/04	1-Punkt Untergruppe	. with retractable nibs (mechanisms for retracting or locking nibs B43K 24/00)
B43K 5/00	Hauptgruppe	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)
B43K 5/02	1-Punkt Untergruppe	. Ink reservoirs
B43K 5/03	2-Punkt Untergruppe	. . specially adapted for concentrated ink, e.g. solid ink [6]
B43K 5/04	2-Punkt Untergruppe	. . flexible
B43K 5/06	2-Punkt Untergruppe	. . with movable pistons
B43K 5/08	3-Punkt Untergruppe	. . . with ink-supplying valves
B43K 5/10	2-Punkt Untergruppe	. . with reserve ink chambers
B43K 5/12	2-Punkt Untergruppe	. . with ink-level inspection means
B43K 5/14	2-Punkt Untergruppe	. . Exchangeable ink cartridges
B43K 5/16	1-Punkt Untergruppe	. with retractable nibs (mechanisms for retracting or locking nibs B43K 24/00)
B43K 5/17	2-Punkt Untergruppe	. . with closing means [6]
B43K 5/18	1-Punkt Untergruppe	. Arrangements for feeding the ink to the nibs
B43K 7/00	Hauptgruppe	Ball-point pens (multiple-point writing implements B43K 27/00)
B43K 7/01	1-Punkt Untergruppe	. for low viscosity liquid ink [6]
B43K 7/02	1-Punkt Untergruppe	. Ink reservoirs; Ink cartridges (B43K 7/01 takes precedence) [6]
B43K 7/03	2-Punkt Untergruppe	. . pressurised, e.g. by gas [5]
B43K 7/035	3-Punkt Untergruppe	. . . the gas acting on a piston [6]

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B43K 7/04	2-Punkt Untergruppe	. . Arrangements for refilling the reservoirs, e.g. arrangements at the ball-point ends
B43K 7/06	2-Punkt Untergruppe	. . Reservoirs with ink-level inspection means
B43K 7/08	2-Punkt Untergruppe	. . Preventing leakage
B43K 7/10	1-Punkt Untergruppe	. Arrangements for feeding the ink to the ball points (B43K 7/01 takes precedence) [6]
B43K 7/12	1-Punkt Untergruppe	. with retractable ball points (mechanisms for retracting or locking ball points B43K 24/00)
B43K 8/00	Hauptgruppe	Pens with writing-points other than nibs or balls (brushes with reservoir for supplying substances A46B 11/00)
B43K 8/02	1-Punkt Untergruppe	. with writing-points comprising fibres, felt, or similar porous or capillary material (B43K 8/22 takes precedence) [2, 5]
B43K 8/03	2-Punkt Untergruppe	. . Ink reservoirs; Ink cartridges [6]
B43K 8/04	2-Punkt Untergruppe	. . Arrangements for feeding ink to writing-points [5]
B43K 8/06	3-Punkt Untergruppe	. . . Wick feed from within reservoir to writing-points [5]
B43K 8/08	4-Punkt Untergruppe	 Wick separate from writing-points [5]
B43K 8/10	3-Punkt Untergruppe	. . . including compartment for soluble solid material [5]
B43K 8/12	3-Punkt Untergruppe	. . . writing-points or writing-point units being separable from reservoir [5]
B43K 8/14	1-Punkt Untergruppe	. with coreless tubular writing-points [5]
B43K 8/16	1-Punkt Untergruppe	. with tubular writing-points comprising a movable cleaning element [5]
B43K 8/18	2-Punkt Untergruppe	. . Arrangements for feeding the ink to the writing-points [5]
B43K 8/20	1-Punkt Untergruppe	. with roller writing-points [5]
B43K 8/22	1-Punkt Untergruppe	. with electrically or magnetically activated writing-points [5]
B43K 8/24	1-Punkt Untergruppe	. characterised by the means for retracting writing-points [5]
B43K 11/00	Hauptgruppe	Filling devices (ink receptacles B43L 25/00)
B43K 13/00	Hauptgruppe	Devices for removing nibs; Devices for cleaning nibs, e.g. by wiping (ink receptacles with pen-wiping means B43L 25/12) [3]
B43K 13/02	1-Punkt Untergruppe	. for cleaning nibs, e.g. ink reservoirs therein [6]
B43K 15/00	Hauptgruppe	Assembling, finishing, or repairing pens
B43K 15/02	1-Punkt Untergruppe	. Automatic machines
B43K 17/00	Hauptgruppe	Continuously-adjustable nibs, e.g. for drawing-pens; Holders therefor (features common to fountain-pens B43K 5/00)
B43K 17/01	1-Punkt Untergruppe	. Nibs with ink reservoirs [6]
B43K 17/02	1-Punkt Untergruppe	. Nibs having more than two legs
B43K 17/04	1-Punkt Untergruppe	. Holders with arrangements for drawing dotted lines
B43K 19/00	Hauptgruppe	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]
B43K 19/02	1-Punkt Untergruppe	. Pencils with graphite; Coloured pencils
B43K 19/04	1-Punkt Untergruppe	. Pencils with metallic writing-core
B43K 19/06	2-Punkt Untergruppe	. . the writing-core being made from substance wearing off during use

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B43K 19/08	2-Punkt Untergruppe	. . the writing-core being made from wear-resistant substances
B43K 19/10	3-Punkt Untergruppe	. . . equipped with ball point (using ink B43K 1/08 , B43K 7/00)
B43K 19/12	1-Punkt Untergruppe	. Slate pencils
B43K 19/14	1-Punkt Untergruppe	. Sheathings
B43K 19/16	1-Punkt Untergruppe	. Making non-propelling pencils (making slate-pencil writing-cores B28D)
B43K 19/18	2-Punkt Untergruppe	. . Making pencil writing-cores
B43K 21/00	Hauptgruppe	Propelling pencils (projecting mechanisms for writing units B43K 24/00; multiple-point writing implements B43K 27/00)
B43K 21/02	1-Punkt Untergruppe	. Writing-core feeding mechanisms
B43K 21/027	2-Punkt Untergruppe	. . with sliding tube-like writing-core guide [5]
B43K 21/033	3-Punkt Untergruppe	. . . with automatic feed by pressure during use of pencil [5]
B43K 21/04	2-Punkt Untergruppe	. . with the writing-cores brought into position by gravity
B43K 21/06	2-Punkt Untergruppe	. . with the writing-cores fed by means sliding in longitudinally-slotted casings
B43K 21/08	2-Punkt Untergruppe	. . with the writing-cores fed by screws
B43K 21/10	3-Punkt Untergruppe	. . . with separate writing-core remnants ejecting-bar
B43K 21/12	3-Punkt Untergruppe	. . . with means preventing overwinding
B43K 21/14	3-Punkt Untergruppe	. . . with writing-cores automatically replaced from magazines
B43K 21/16	2-Punkt Untergruppe	. . with stepwise feed of writing-cores
B43K 21/18	3-Punkt Untergruppe	. . . having ratchet means
B43K 21/20	3-Punkt Untergruppe	. . . with writing-cores automatically replaced from magazines
B43K 21/22	2-Punkt Untergruppe	. . Writing-cores gripping means, e.g. chucks
B43K 21/24	1-Punkt Untergruppe	. Assembling, finishing, or repairing propelling pencils (making pencil writing-cores B43K 19/18)
B43K 21/26	2-Punkt Untergruppe	. . Automatic machines
B43K 23/00	Hauptgruppe	Holders or connectors for writing implements; Means for protecting the writing-points
B43K 23/004	1-Punkt Untergruppe	. Holders specially adapted for assisting handicapped or disabled persons to write (B43L 15/00 takes precedence) [6]
B43K 23/008	1-Punkt Untergruppe	. Holders comprising finger grips (B43K 23/004 , B43K 23/012 take precedence) [6]
B43K 23/012	1-Punkt Untergruppe	. Holders for attachment to finger tips (B43K 23/004 takes precedence) [6]
B43K 23/016	1-Punkt Untergruppe	. Holders for crayons or chalks (B43K 23/004 to B43K 23/012 , B43K 23/02 take precedence) [6]
B43K 23/02	1-Punkt Untergruppe	. with means for preventing rolling (B43K 23/004 to B43K 23/012 take precedence) [6]
B43K 23/04	2-Punkt Untergruppe	. . enabling the writing implement to be set upright
B43K 23/06	1-Punkt Untergruppe	. Means for connecting two or more writing implements [6]
B43K 23/08	1-Punkt Untergruppe	. Protecting means, e.g. caps [6]
B43K 23/10	2-Punkt Untergruppe	. . for pencils [6]

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B43K 23/12	2-Punkt Untergruppe	. . for pens [6]
B43K 24/00	Hauptgruppe	Mechanisms for selecting, projecting, retracting or locking writing units [6]
B43K 24/02	1-Punkt Untergruppe	. for locking a single writing unit in only fully projected or retracted positions
B43K 24/03	2-Punkt Untergruppe	. . operated by flicking or tilting [6]
B43K 24/04	2-Punkt Untergruppe	. . operated by means sliding in longitudinally-slotted casings
B43K 24/06	2-Punkt Untergruppe	. . operated by turning means
B43K 24/08	2-Punkt Untergruppe	. . operated by push-buttons
B43K 24/10	1-Punkt Untergruppe	. for selecting, projecting and locking several writing units
B43K 24/12	2-Punkt Untergruppe	. . operated by means sliding in longitudinally-slotted casings
B43K 24/14	2-Punkt Untergruppe	. . operated by turning means
B43K 24/16	2-Punkt Untergruppe	. . operated by push-buttons
B43K 24/18	2-Punkt Untergruppe	. . and for feeding the writing cores
B43K 25/00	Hauptgruppe	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)
B43K 25/02	1-Punkt Untergruppe	. Clips [6]
B43K 27/00	Hauptgruppe	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)
B43K 27/02	1-Punkt Untergruppe	. Combinations of pens and pencils
B43K 27/04	1-Punkt Untergruppe	. Combinations of pencils (writing-core feed mechanisms B43K 21/02)
B43K 27/08	1-Punkt Untergruppe	. Combinations of pens
B43K 27/12	2-Punkt Untergruppe	. . of ball-point pens [3]
B43K 29/00	Hauptgruppe	Combinations of writing implements with other articles
B43K 29/007	1-Punkt Untergruppe	. with advertising means [6]
B43K 29/013	1-Punkt Untergruppe	. with stamping means [6]
B43K 29/02	1-Punkt Untergruppe	. with rubbers
B43K 29/04	1-Punkt Untergruppe	. with blotters
B43K 29/05	1-Punkt Untergruppe	. with applicators for eradicating- or correcting-liquid [6]
B43K 29/06	1-Punkt Untergruppe	. with sharpening devices (with erasing knives B43K 29/18; pocket knives with pencils B26B)
B43K 29/08	1-Punkt Untergruppe	. with measuring, computing or indicating devices
B43K 29/087	2-Punkt Untergruppe	. . for indicating time, e.g. with calendars or watches [6]
B43K 29/093	2-Punkt Untergruppe	. . with calculators [6]
B43K 29/10	1-Punkt Untergruppe	. with illuminating devices
B43K 29/12	1-Punkt Untergruppe	. with memorandum appliances (with book covers B42D)

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B43K 29/16	1-Punkt Untergruppe	. with lighters
B43K 29/18	1-Punkt Untergruppe	. with hand tools, e.g. erasing knives (with pocket knives B26B)
B43K 29/20	1-Punkt Untergruppe	. with other articles having storage compartments (with lighters B43K 29/16; writing implements functioning as, or combined with, writing implement receptacles B43K 31/00)
B43K 31/00	Hauptgruppe	Writing implement receptacles functioning as, or combined with, writing implements (other writing implement receptacles A45C 11/34 , A45C 11/36)