

CPC COOPERATIVE PATENT CLASSIFICATION

B PERFORMING OPERATIONS; TRANSPORTING

(NOTES omitted)

PRINTING

B43 WRITING OR DRAWING IMPLEMENTS; BUREAU ACCESSORIES

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

NOTE

Devices used for both teaching and facilitating writing or drawing are classified in [G09B 11/00](#))

Articles for writing or drawing upon

- 1/00 **Repeatedly-usable boards or tablets for writing or drawing** (drawing-boards [B43L 5/00](#))
- 1/002 . {chemical details}
- 1/004 . {with illuminating devices}
- 1/006 . . {with luminescent substances}
- 1/008 . {with magnetic action}
- 1/02 . Slates
- 1/04 . Blackboards ({wall mounting or suspension arrangements for blackboards or the like [A47B 97/001](#)}; easels or stands for blackboards [A47B 97/04](#))
- 1/045 . . {with magnetic action}
- 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 ([B43L 1/008](#) takes precedence)
- 1/123 . . {Flexible writing surface or backing}
- 1/126 . . . {withinterposed adhesive substances}
- 3/00 **Writing or drawing underlays, e.g. blotting pads** (blotters [B43L 17/00](#); {supports for note pads: [B42D 5/005](#)})
- 3/001 . {with illuminating devices}
- 3/002 . . {with luminescent substances}
- 3/004 . {without blotting means}
- 3/005 . {provided with a casing}
- 3/007 . {with rain protection means}
- 3/008 . {with supporting means (bracelets with means for attaching a writing instrument or a memo pad [A44C 5/0046](#); for attachment to shopping trolleys [B62B 3/1428](#))}
- 5/00 **Drawing boards** (drawing desks or tables [A47B 27/00](#), [A47B 85/02](#); stands for drawing-boards [A47B 97/04](#))
- 5/002 . {with pivoting drawing surface}
- 5/005 . {with magnetic action}
- 5/007 . {drawing copying devices using a transparency}
- 5/02 . having means for clamping sheets of paper thereto (drawing-pins [B43M 15/00](#))
- 5/022 . . {with magnets}

- 5/025 . . {with paper rolls}
- 5/027 . . {with suction devices}

Writing or drawing aids

- 7/00 **Straightedges** (guides; 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.
- 7/002 . {for drawing boards and tables}
- 7/005 . {combined with other drawing aids}
- 7/007 . {with holding means}
- 7/02 . T-squares {and other similar squares}
- 7/023 . . {with magnets}
- 7/027 . Plural non-adjustable straightedges fixed at right angles ([B43L 7/02](#) takes precedence)
- 7/0275 . . {Triangles}
- 7/033 . Plural non-adjustable straightedges forming non-right angles
- 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
- 7/12 . . Square and pivoted straightedges
- 7/125 . . . {Comprising at least two straightedges remaining parallel}
- 7/14 . . Square and sliding straight edges
- 9/00 **Circular curve-drawing or like instruments** (curve rulers or templets [B43L 13/00](#))
- 9/002 . {with perforated or marked discs}
- 9/005 . {with rollers or carriages}
- 9/007 . {with perforated or marked rulers}

- 9/02 . . . Compasses (proportional compasses [B43L 9/08](#); {Compasses for drawing ellipses [B43L 11/041](#);} [Compasses for drawing spirals B43L 11/06](#))
- 9/025 . . . {Compasses with parallel legs}
- 9/04 . . . Beam compasses
- 9/045 . . . {Tape compasses}
- 9/06 . . . with legs formed by flat springs
- 9/08 . . . Proportional compasses or dividers
- 9/10 . . . with arrangements for drawing polygons
- 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, and 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
- 9/245 . . . {for mounting centering elements}
- 11/00 Non-circular-curve-drawing instruments (curve rulers or templates [B43L 13/20](#))**
- 11/005 . . . {pendulum-actuated}
- 11/02 . . . for drawing conic sections
- 11/04 . . . for drawing ellipses
- 11/041 . . . {by means of a compass}
- 11/043 . . . {with stencils}
- 11/045 . . . with cords or like flexible elements
- 11/05 . . . with gears
- 11/055 . . . with guides
- 11/06 . . . for drawing spirals
- 11/08 . . . for drawing involutes
- 12/00 Means to prevent slippage**
- 12/02 . . . magnetic ({magnetic holding means for T-squares: [B43L 7/023](#)})
- 13/00 Drawing instruments, or writing or drawing appliances or accessories not otherwise provided for (stencils for surface decoration [B44D](#))**
- 13/001 . . . {Mathematical drawing instruments}
- 13/002 . . . {Angle intersecting devices}
- 13/004 . . . {Manual lettering devices}
- 13/005 . . . {Portable combined drawing-aids including boards}
- 13/007 . . . {Contour tracing devices}
- 13/008 . . . {Circle transformers}
- 13/02 . . . Draughting machines or drawing devices for keeping parallelism (T-squares [B43L 7/02](#))
- 13/022 . . . {automatic (apparatus for recording measured values [G01D](#); control systems for drawing machines [G06K 15/22](#), [G06F 3/13](#))}
- 13/024 . . . {Drawing heads therefor}
- 13/026 . . . {for writing characters or symbols (manual lettering devices [B43L 13/004](#))}
- 13/028 . . . {Hand held or associated with the writing instrument}
- 13/04 . . . Guides for rulers
- 13/041 . . . {with toothed racks}
- 13/043 . . . {with squares}
- 13/045 . . . {with carriages}
- 13/046 . . . {with cables}
- 13/048 . . . {with T-squares}
- 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
- 13/141 . . . {Two-dimensional devices}
- 13/142 . . . {T-squares (T-squares in general [B43L 7/02](#))}
- 13/143 . . . {mounted on parallel-motion drawing appliances (parallel devices in general [B43L 13/02](#))}
- 13/144 . . . {including protractors}
- 13/145 . . . {Rulers (rulers in general [B43L 7/00](#))}
- 13/146 . . . {Squares (squares in general [B43L 7/02](#))}
- 13/147 . . . {Three-dimensional devices}
- 13/148 . . . {using copying or multiple drawing arrangements}
- 13/149 . . . {including grids}
- 13/16 . . . free-hand
- 13/18 . . . having optical or projecting equipment (optical systems or apparatus [G02B](#); projectors [G03B](#))
- 13/20 . . . Curve rulers or templates
- 13/201 . . . {Stencils for drawing figures, objects}
- 13/203 . . . {human, animal, or vegetal figures}
- 13/205 . . . {geometrical figures}
- 13/206 . . . {material objects}
- 13/208 . . . {letters, numbers, symbols (lettering devices [B43L 13/004](#))}
- 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**
- Writing or drawing accessories**
- 17/00 Blotters (blotting pads [B43L 3/00](#); combined with writing implements [B43K 29/04](#); making blotting paper [D21F 11/14](#))**
- 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](#))**
- 19/0006 . . . {motor-driven}
- 19/0012 . . . {Mechanical motors, e.g. springs, spindles}
- 19/0018 . . . {with fluids}
- 19/0025 . . . {Eraser or rubber material, e.g. comprising hard particles}
- 19/0031 . . . {comprising magnetic particles therein}
- 19/0037 . . . {Eraser cleaners}
- 19/0043 . . . {Erasing by electronic or electrolytic means}
- 19/005 . . . {Finger mounted erasers}
- 19/0056 . . . {Holders for erasers}
- 19/0062 . . . {Magnetic holders}
- 19/0068 . . . {Hand-held holders}
- 19/0075 . . . {of the pencil type}
- 19/0081 . . . {of the mechanical pencil type}

- 19/0087 . {Assembling, repairing or finishing erasers}
 - 19/0093 . {Eraser shields}
 - 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](#))
- 23/002 . {with continuous conveying means for the pencil}
 - 23/004 . {with radial cutting blades}
 - 23/006 . {with rasping surfaces}
 - 23/008 . {with rotating cutting bodies}
 - 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](#))
 - 23/085 . . {one of the blades being used for shaping the writing point}
- 25/00 Ink receptacles** ([liquid receptacles in general B65D, e.g. B65D 1/00](#))
- 25/001 . {with adjustable depth of dipping}
 - 25/002 . {Caps or closure means for ink receptacles ([closure means for containers in general B65D](#))}
 - 25/004 . {Ink receptacles with solid ink; Non reversable receptacles}
 - 25/005 . {Ink receptacles incorporated in a table or a bench}
 - 25/007 . {Portable ink receptacles; Filling devices for receptacles}
 - 25/008 . {with wick feed}
 - 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