

CPC COOPERATIVE PATENT CLASSIFICATION

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