

**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](#))

**Guidance heading:** **Articles for writing or drawing upon**

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

- B43L 1/002 . {chemical details}
- B43L 1/004 . {with illuminating devices}
- B43L 1/006 . . {with luminescent substances}
- B43L 1/008 . {with magnetic action}
- B43L 1/02 . Slates
- B43L 1/04 . Blackboards ({wall mounting or suspension arrangements for blackboards or the like [A47B 97/001](#)}; easels or stands for blackboards [A47B 97/04](#))
- B43L 1/045 . . {with magnetic action}
- B43L 1/06 . . rigid
- B43L 1/08 . . flexible
- B43L 1/10 . . Writing surfaces thereof
- B43L 1/12 . having translucent writing surfaces producing visual impressions by co-operation with backing members ({[B43L 1/008](#) takes precedence})
- B43L 1/123 . . {Flexible writing surface or backing}
- B43L 1/126 . . . {with interposed adhesive substances}

**B43L 3/00** **Writing or drawing underlays, e.g. blotting pads** (blotters [B43L 17/00](#); {supports for note pads: [B42D 5/005](#)})

- B43L 3/001 . {with illuminating devices}
- B43L 3/002 . . {with luminescent substances}
- B43L 3/004 . {without blotting means}

- B43L 3/005 . {provided with a casing}
- B43L 3/007 . {with rain protection means}
- B43L 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](#))}

**B43L 5/00** **Drawing boards** (drawing desks or tables [A47B 27/00](#), [A47B 85/02](#); stands for drawing-boards [A47B 97/04](#))

- B43L 5/002 . {with pivoting drawing surface}
- B43L 5/005 . {with magnetic action}
- B43L 5/007 . {drawing copying devices using a transparency}
- B43L 5/02 . having means for clamping sheets of paper thereto (drawing-pins [B43M 15/00](#))
- B43L 5/022 .. {with magnets}
- B43L 5/025 .. {with paper rolls}
- B43L 5/027 .. {with suction devices}

**Guidance heading:** **Writing or drawing aids**

**B43L 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.

- B43L 7/002 . {for drawing boards and tables}
- B43L 7/005 . {combined with other drawing aids}
- B43L 7/007 . {with holding means}
- B43L 7/02 . T-squares {and other similar squares}
- B43L 7/023 .. {with magnets}
- B43L 7/027 . Plural non-adjustable straightedges fixed at right angles ([B43L 7/02](#) takes precedence)
- B43L 7/0275 .. {Triangles}

- B43L 7/033 . Plural non-adjustable straightedges forming non-right angles
- B43L 7/04 . with rollers (with interconnected rollers [B43L 13/02](#))
- B43L 7/08 . with arrangements for attaching additional drawing equipment e.g. for hatching, dotting
- B43L 7/10 . Plural straightedges relatively movable
- B43L 7/12 . . Square and pivoted straightedges
- B43L 7/125 . . . {Comprising at least two straightedges remaining parallel}
- B43L 7/14 . . Square and sliding straight edges
- B43L 9/00** **Circular curve-drawing or like instruments** (curve rulers or templets [B43L 13/00](#))
- B43L 9/002 . {with perforated or marked discs}
- B43L 9/005 . {with rollers or carriages}
- B43L 9/007 . {with perforated or marked rulers}
- B43L 9/02 . Compasses (proportional compasses [B43L 9/08](#); {Compasses for drawing ellipses [B43L 11/041](#);} Compasses for drawing spirals [B43L 11/06](#))
- B43L 9/025 . . {Compasses with parallel legs}
- B43L 9/04 . . Beam compasses
- B43L 9/045 . . . {Tape compasses}
- B43L 9/06 . . with legs formed by flat springs
- B43L 9/08 . Proportional compasses or dividers
- B43L 9/10 . . with arrangements for drawing polygons
- B43L 9/12 . Dividers (proportional dividers [B43L 9/08](#))
- B43L 9/14 . with changeable leg-ends for conversion into compasses, dividers, or callipers ([B43L 9/24](#) takes precedence)
- B43L 9/16 . Features common to compasses, dividers, and callipers
- B43L 9/18 . . Legs with toggle joints
- B43L 9/20 . . Pivots
- B43L 9/22 . . Leg-angle adjusting-means separate from pivots
- B43L 9/24 . . Means for mounting points or writing appliances on legs
- B43L 9/245 . . . {for mounting centering elements}
- B43L 11/00** **Non-circular-curve-drawing instruments** (curve rulers or templets [B43L 13/20](#))
- B43L 11/005 . {pendulum-actuated}

- B43L 11/02 . for drawing conic sections
- B43L 11/04 .. for drawing ellipses
- B43L 11/041 ... {by means of a compass}
- B43L 11/043 ... {with stencils}
- B43L 11/045 ... with cords or like flexible elements
- B43L 11/05 ... with gears
- B43L 11/055 ... with guides

B43L 11/06 . for drawing spirals

B43L 11/08 . for drawing involutes

### **B43L 12/00 Means to prevent slippage**

- B43L 12/02 . magnetic {magnetic holding means for T-squares: [B43L 7/023](#)}

### **B43L 13/00 Drawing instruments, or writing or drawing appliances or accessories not otherwise provided for (stencils for surface decoration [B44D](#))**

- B43L 13/001 . {Mathematical drawing instruments}
- B43L 13/002 .. {Angle intersecting devices}
- B43L 13/004 . {Manual lettering devices}
- B43L 13/005 . {Portable combined drawing-aids including boards}
- B43L 13/007 . {Contour tracing devices}
- B43L 13/008 . {Circle transformers}
- B43L 13/02 . Draughting machines or drawing devices for keeping parallelism (T-squares [B43L 7/02](#))
- B43L 13/022 .. {automatic (apparatus for recording measured values [G01D](#); Control systems for drawing machines [G06K 15/22](#), [G06F 3/13](#))}
- B43L 13/024 ... {Drawing heads therefor}
- B43L 13/026 ... {for writing characters or symbols (manual lettering devices [B43L 13/004](#))}
- B43L 13/028 .. {Hand held or associated with the writing instrument}
- B43L 13/04 .. Guides for rulers
- B43L 13/041 ... {with toothed racks}
- B43L 13/043 ... {with squares}
- B43L 13/045 ... {with carriages}
- B43L 13/046 ... {with cables}
- B43L 13/048 ... {with T-squares}

- B43L 13/06 . . . with pivoted guide rods
- B43L 13/08 . . Protractor heads
- B43L 13/10 . Pantographic instruments for copying, enlarging, or diminishing ([arrangements for copying in machine tools B23Q](#))
- B43L 13/12 . . Multiple writing devices
- B43L 13/14 . Devices for drawing in perspective
- B43L 13/141 . . {[Two-dimensional devices](#)}
- B43L 13/142 . . . {[T-squares \(T-squares in general B43L 7/02\)](#)}
- B43L 13/143 . . . {[mounted on parallel-motion drawing appliances \(parallel devices in general B43L 13/02\)](#)}
- B43L 13/144 . . . {[including protractors](#)}
- B43L 13/145 . . . {[Rulers \(rulers in general B43L 7/00\)](#)}
- B43L 13/146 . . . {[Squares \(squares in general B43L 7/02\)](#)}
- B43L 13/147 . . {[Three-dimensional devices](#)}
- B43L 13/148 . . {[using copying or multiple drawing arrangements](#)}
- B43L 13/149 . . {[including grids](#)}
- B43L 13/16 . . free-hand
- B43L 13/18 . . . having optical or projecting equipment ([optical systems or apparatus G02B](#); [projectors G03B](#))
- B43L 13/20 . Curve rulers or templates
- B43L 13/201 . . {[Stencils for drawing figures, objects](#)}
- B43L 13/203 . . . {[human, animal, or vegetal figures](#)}
- B43L 13/205 . . . {[geometrical figures](#)}
- B43L 13/206 . . . {[material objects](#)}
- B43L 13/208 . . . {[letters, numbers, symbols \(lettering devices B43L 13/004\)](#)}
- B43L 13/22 . . Adjustable curve rulers
- B43L 13/24 . Devices for generating stepwise movements of drawing equipment, e.g. for hatching

## **B43L 15/00 Supports for attachment to hands or arms for facilitating writing or drawing**

### **Guidance heading: Writing or drawing accessories**

- B43L 17/00** **Blotters** ([blotting pads B43L 3/00](#); combined with writing implements [B43K 29/04](#); making blotting paper [D21F 11/14](#))
- B43L 17/02 . for blotting-paper sheets
- B43L 17/04 . . hand held
- B43L 17/06 . for reeled blotting-paper

- B43L 17/08 . . Roller blotters
- B43L 17/10 . using blotting material other than paper
- B43L 19/00** **Erasers, rubbers, or erasing devices; Holders therefor** (rubbers or erasing knives combined with writing implements [B43K 29/02](#), [B43K 29/18](#))
  - B43L 19/0006 . {motor-driven}
  - B43L 19/0012 . . {Mechanical motors, e.g. springs, spindles}
  - B43L 19/0018 . {with fluids}
  - B43L 19/0025 . {Eraser or rubber material, e.g. comprising hard particles}
  - B43L 19/0031 . . {comprising magnetic particles therein}
  - B43L 19/0037 . {Eraser cleaners}
  - B43L 19/0043 . {Erasing by electronic or electrolytic means}
  - B43L 19/005 . {Finger mounted erasers}
  - B43L 19/0056 . {Holders for erasers}
  - B43L 19/0062 . . {Magnetic holders}
  - B43L 19/0068 . . {Hand-held holders}
  - B43L 19/0075 . . . {of the pencil type}
  - B43L 19/0081 . . . . {of the mechanical pencil type}
  - B43L 19/0087 . {Assembling, repairing or finishing erasers}
  - B43L 19/0093 . {Eraser shields}
  - B43L 19/02 . Erasing knives (knives in general [B26B](#))
  - B43L 19/04 . Fibrous erasers
- B43L 21/00** **Blackboard or slate cleaning devices**
  - B43L 21/02 . with means for absorbing the chalk dust
  - B43L 21/04 . Wiper holders
- B43L 23/00** **Sharpeners for pencils or leads** (grinding or cutting tools in general [B24](#); [B26](#); combined with writing implements [B43K 29/06](#))
  - B43L 23/002 . {with continuous conveying means for the pencil}

- B43L 23/004 . {with radial cutting blades}
- B43L 23/006 . {with rasping surfaces}
- B43L 23/008 . {with rotating cutting bodies}
- B43L 23/02 . with gearing
- B43L 23/04 . . with cranked handles
- B43L 23/06 . in which the pencils or leads are sharpened by only axial movement against cutting blades
- B43L 23/08 . in which the pencils or leads are sharpened mainly by rotational movement against cutting blades ([B43L 23/02](#) takes precedence)
- B43L 23/085 . . {one of the blades being used for shaping the writing point}
- B43L 25/00** **Ink receptacles** (liquid receptacles in general [B65D](#), e.g. [B65D 1/00](#))
- B43L 25/001 . {with adjustable depth of dipping}
- B43L 25/002 . {Caps or closure means for ink receptacles (closure means for containers in general [B65D](#))}
- B43L 25/004 . { Ink receptacles with solid ink; Non reversable receptacles}
- B43L 25/005 . {Ink receptacles incorporated in a table or a bench}
- B43L 25/007 . {Portable ink receptacles; Filling devices for receptacles}
- B43L 25/008 . {with wick feed}
- B43L 25/02 . with separate dipping-cups
- B43L 25/04 . . supplied by pressure arrangements
- B43L 25/06 . . supplied by tilting the receptacles
- B43L 25/08 . with arrangements for dissolving ink powder
- B43L 25/10 . with means for holding objects
- B43L 25/12 . with pen-wiping means
- B43L 27/00** **Ink stands**
- B43L 27/02 . having means for securing objects thereon
- B43L 27/04 . securable to other objects