

**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****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}

### **Writing or drawing aids**

**B43L 7/00** **Straightedges** (guides; curve rulers or templates [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 templates [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 <a href="#">B43L 13/004</a> )}
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 ( <a href="#">arrangements for copying in machine tools B23Q</a> )
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 <a href="#">B43L 7/02</a> )}
B43L 13/143	. . . {mounted on parallel-motion drawing appliances (parallel devices in general <a href="#">B43L 13/02</a> )}
B43L 13/144	. . . {including protractors}
B43L 13/145	. . . {Rulers (rulers in general <a href="#">B43L 7/00</a> )}
B43L 13/146	. . . {Squares (squares in general <a href="#">B43L 7/02</a> )}
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 ( <a href="#">optical systems or apparatus G02B</a> ; <a href="#">projectors G03B</a> )
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 <a href="#">B43L 13/004</a> )}
B43L 13/22	. . Adjustable curve rulers
B43L 13/24	. Devices for generating stepwise movements of drawing equipment, e.g. for hatching
<b>B43L 15/00</b>	<b>Supports for attachment to hands or arms for facilitating writing or drawing</b>

**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