

**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 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 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   |
| <b>B43L 12/00</b> | <b>Means to prevent slippage</b>  |
| B43L 12/02        | . magnetic {magnetic holding means for T-squares: <a href="#">B43L 7/023</a> }  |
| <b>B43L 13/00</b> | <b>Drawing instruments, or writing or drawing appliances or accessories not otherwise provided for (stencils for surface decoration <a href="#">B44D</a> )</b>                |
| 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 <a href="#">B43L 7/02</a> )   |
| B43L 13/022       | .. {automatic (apparatus for recording measured values <a href="#">G01D</a> ; Control systems for drawing machines <a href="#">G06K 15/22</a> , <a href="#">G06F 3/13</a> ) } |
| 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 [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