

**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