

CPC COOPERATIVE PATENT CLASSIFICATION

B PERFORMING OPERATIONS; TRANSPORTING

(NOTES omitted)

PRINTING

B43 WRITING OR DRAWING IMPLEMENTS; BUREAU ACCESSORIES

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)	13/06	. . . with pivoted guide rods
9/025	. . {Compasses with parallel legs}	13/08	. . Protractor heads
9/04	. . Beam compasses	13/10	. Pantographic instruments for copying, enlarging, or diminishing (arrangements for copying in machine tools B23Q)
9/045	. . . {Tape compasses}	13/12	. . Multiple writing devices
9/06	. . with legs formed by flat springs	13/14	. Devices for drawing in perspective
9/08	. Proportional compasses or dividers	13/141	. . {Two-dimensional devices}
9/10	. . with arrangements for drawing polygons	13/142	. . . {T-squares (T-squares in general B43L 7/02)}
9/12	. Dividers (proportional dividers B43L 9/08)	13/143	. . . {mounted on parallel-motion drawing appliances (parallel devices in general B43L 13/02)}
9/14	. with changeable leg-ends for conversion into compasses, dividers, or callipers (B43L 9/24 takes precedence)	13/144	. . . {including protractors}
9/16	. Features common to compasses, dividers, and callipers	13/145	. . . {Rulers (rulers in general B43L 7/00)}
9/18	. . Legs with toggle joints	13/146	. . . {Squares (squares in general B43L 7/02)}
9/20	. . Pivots	13/147	. . {Three-dimensional devices}
9/22	. . Leg-angle adjusting-means separate from pivots	13/148	. . {using copying or multiple drawing arrangements}
9/24	. . Means for mounting points or writing appliances on legs	13/149	. . {including grids}
9/245	. . . {for mounting centering elements}	13/16	. . free-hand
11/00	Non-circular-curve-drawing instruments (curve rulers or templates B43L 13/20)	13/18	. . . having optical or projecting equipment (optical systems or apparatus G02B ; projectors G03B)
11/005	. {pendulum-actuated}	13/20	. Curve rulers or templates
11/02	. for drawing conic sections	13/201	. . {Stencils for drawing figures, objects}
11/04	. . for drawing ellipses	13/203	. . . {human, animal, or vegetal figures}
11/041	. . . {by means of a compass}	13/205	. . . {geometrical figures}
11/043	. . . {with stencils}	13/206	. . . {material objects}
11/045	. . . with cords or like flexible elements	13/208	. . . {letters, numbers, symbols (lettering devices B43L 13/004)}
11/05	. . . with gears	13/22	. . Adjustable curve rulers
11/055	. . . with guides	13/24	. Devices for generating stepwise movements of drawing equipment, e.g. for hatching
11/06	. for drawing spirals	15/00	Supports for attachment to hands or arms for facilitating writing or drawing
11/08	. for drawing involutes		
12/00	Means to prevent slippage		
12/02	. magnetic (magnetic holding means for T-squares: B43L 7/023)	Writing or drawing accessories	
13/00	Drawing instruments, or writing or drawing appliances or accessories not otherwise provided for (stencils for surface decoration B44D)	17/00	Blotters (blotting pads B43L 3/00; combined with writing implements B43K 29/04; making blotting paper D21F 11/14)
13/001	. {Mathematical drawing instruments}	17/02	. for blotting-paper sheets
13/002	. . {Angle intersecting devices}	17/04	. . hand held
13/004	. {Manual lettering devices}	17/06	. for reeled blotting-paper
13/005	. {Portable combined drawing-aids including boards}	17/08	. . Roller blotters
13/007	. {Contour tracing devices}	17/10	. using blotting material other than paper
13/008	. {Circle transformers}	19/00	Erasers, rubbers, or erasing devices; Holders therefor (rubbers or erasing knives combined with writing implements B43K 29/02, B43K 29/18)
13/02	. Draughting machines or drawing devices for keeping parallelism (T-squares B43L 7/02)	19/0006	. {motor-driven}
13/022	. . {automatic (apparatus for recording measured values G01D ; control systems for drawing machines G06K 15/22 , G06F 3/13)}	19/0012	. . {Mechanical motors, e.g. springs, spindles}
13/024	. . . {Drawing heads therefor}	19/0018	. {with fluids}
13/026	. . . {for writing characters or symbols (manual lettering devices B43L 13/004)}	19/0025	. {Eraser or rubber material, e.g. comprising hard particles}
13/028	. . {Hand held or associated with the writing instrument}	19/0031	. . {comprising magnetic particles therein}
13/04	. . Guides for rulers	19/0037	. {Eraser cleaners}
13/041	. . . {with toothed racks}	19/0043	. {Erasing by electronic or electrolytic means}
13/043	. . . {with squares}	19/005	. {Finger mounted erasers}
13/045	. . . {with carriages}	19/0056	. {Holders for erasers}
13/046	. . . {with cables}	19/0062	. . {Magnetic holders}
13/048	. . . {with T-squares}	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