COOPERATIVE PATENT CLASSIFICATION

B PERFORMING OPERATIONS; TRANSPORTING

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-usuable 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 97/004)
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 . . . [with interposed 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]

Writing or drawing aids

5/025 . . [with paper rolls]
5/027 . . [with suction devices]

7/00 Straightedges (guides; curve rulers or templates B43L 13/00; 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 templates B43L 13/00)
9/002 . [with perforated or marked discs]
9/005 . [with rollers or carriages]
9/007 . [with perforated or marked rulers]
Writing or drawing aids

9/02 . Compasses (proportional compasses B43L 9/08; Compasses for drawing ellipses B43L 11/041; Compasses for drawing spirals B43L 11/06)

9/025 . {Compasses with parallel legs}

9/04 . Beam compasses

9/045 . {Tape compasses}

9/06 . with legs formed by flat springs

9/08 . Proportional compasses or dividers

9/10 . with arrangements for drawing polygons

9/12 . Dividers (proportional dividers B43L 9/08)

9/14 . with changeable leg-ends for conversion into compasses, dividers, or callipers (B43L 9/24 takes precedence)

9/16 . Features common to compasses, dividers, and callipers

9/18 . Legs with toggle joints

9/20 . Pivots

9/22 . Leg-angle adjusting-means separate from pivots

9/24 . Means for mounting points or writing appliances on legs

9/245 . {for mounting centering elements}

11/00 Non-circular-curve-drawing instruments (curve rulers or templates B43L 13/20)

11/005 . (pendulum-actuated)

11/02 . for drawing conic sections

11/04 . for drawing ellipses

11/041 . {by means of a compass}

11/043 . {with stencils}

11/045 . {with cords or like flexible elements

11/05 . with gears

11/055 . with guides

11/06 . for drawing spirals

11/08 . for drawing involutes

12/00 Means to prevent slippage

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

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

13/001 . (Mathematical drawing instruments)

13/002 . {Angle intersecting devices}

13/004 . (Manual lettering devices)

13/005 . {Portable combined drawing-aids including boards}

13/007 . (Contour tracing devices)

13/008 . (Circle transformers)

13/02 . Draughting machines or drawing devices for keeping parallelism (T-squares B43L 7/02)

13/022 . {automatic (apparatus for recording measured values G01D; control systems for drawing machines G06K 15/22, G06F 3/13)}

13/024 . {Drawing heads therefor}

13/026 . {for writing characters or symbols (manual lettering devices B43L 13/004)}

13/028 . {Hand held or associated with the writing instrument}

13/04 . Guides for rulers

13/041 . {with toothed racks}

13/043 . {with squares}

13/045 . {with carriages}

13/046 . {with cables}

13/048 . {with T-squares}

13/06 . . . with pivoted guide rods

13/08 . . . Protractor heads

13/10 . Pantographic instruments for copying, enlarging, or diminishing (arrangements for copying in machine tools B23Q)

13/12 . . . Multiple writing devices

13/14 . Devices for drawing in perspective

13/141 . . . {Two-dimensional devices}

13/142 . . . {T-squares (T-squares in general B43L 7/021)

13/143 . . . {mounted on parallel-motion drawing appliances (parallel devices in general B43L 13/023)}

13/144 . . . {including protractors}

13/145 . . . {Rulers (rulers in general B43L 7/00)

13/146 . . . {Squares (squares in general B43L 7/02)}

13/147 . . . {Three-dimensional devices}

13/148 . . . {using copying or multiple drawing arrangements}

13/149 . . . {including grids}

13/16 . . . free-hand

13/18 . . . having optical or projecting equipment (optical systems or apparatus G02B; projectors G03B)

13/20 . Curve rulers or templates

13/201 . . . {Stencils for drawing figures, objects}

13/203 . . . {human, animal, or vegetal figures}

13/205 . . . {geometrical figures}

13/206 . . . {material objects}

13/208 . . . {letters, numbers, symbols (lettering devices B43L 13/004)}

13/22 . . . Adjustable curve rulers

13/24 . . . Devices for generating stepwise movements of drawing equipment, e.g. for hatching

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

Writing or drawing accessories

17/00 Blotters (blotting pads B43L 3/00; combined with writing implements B43K 29/04; making blotting paper D21F 11/14)

17/02 . for blotting-paper sheets

17/04 . hand held

17/06 . for reeled blotting-paper

17/08 . Roller blotters

17/10 . using blotting material other than paper

19/00 Erasers, rubbers, or erasing devices; Holders therefor (rubbers or erasing knives combined with writing implements B43K 29/02, B43K 29/18)

19/0006 . {motor-driven}

19/0012 . {Mechanical motors, e.g. springs, spindles}

19/0018 . {with fluids}

19/0025 . {Eraser or rubber material, e.g. comprising hard particles}

19/0031 . {comprising magnetic particles therein}

19/0037 . {Eraser cleaners}

19/0043 . {Erasing by electronic or electrolytic means}

19/005 . {Finger mounted erasers}

19/0056 . {Holders for erasers}

19/0062 . {Magnetic holders}

19/0068 . {Hand-held holders}

19/0075 . . . {of the pencil type}

19/0081 . . . {of the mechanical pencil type}
Writing or drawing accessories

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