

# 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 <a href="#">B43L 9/08</a> ; {Compasses for drawing ellipses <a href="#">B43L 11/041</a> ;} <a href="#">Compasses for drawing spirals B43L 11/06</a> ) | 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 ( <a href="#">arrangements for copying in machine tools B23Q</a> )  |
| 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 <a href="#">B43L 7/02</a> )}   |
| 9/12         | . Dividers ( <a href="#">proportional dividers B43L 9/08</a> )  | 13/143                                | . . . {mounted on parallel-motion drawing appliances (parallel devices in general <a href="#">B43L 13/02</a> )}   |
| 9/14         | . with changeable leg-ends for conversion into compasses, dividers, or callipers ( <a href="#">B43L 9/24 takes precedence</a> )   | 13/144                                | . . . {including protractors}   |
| 9/16         | . Features common to compasses, dividers, and callipers   | 13/145                                | . . . {Rulers (rulers in general <a href="#">B43L 7/00</a> )}   |
| 9/18         | . . Legs with toggle joints   | 13/146                                | . . . {Squares (squares in general <a href="#">B43L 7/02</a> )}   |
| 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   |
| <b>11/00</b> | <b>Non-circular-curve-drawing instruments (curve rulers or templates <a href="#">B43L 13/20</a>)</b>  | 13/18                                 | . . . having optical or projecting equipment ( <a href="#">optical systems or apparatus G02B</a> ; <a href="#">projectors G03B</a> )  |
| 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 ( <a href="#">lettering devices B43L 13/004</a> )}   |
| 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   | <b>15/00</b>                          | <b>Supports for attachment to hands or arms for facilitating writing or drawing</b>   |
| 11/08        | . for drawing involutes   |                                       |   |
| <b>12/00</b> | <b>Means to prevent slippage</b>  |                                       |   |
| 12/02        | . magnetic ( <a href="#">magnetic holding means for T-squares: B43L 7/023</a> )   | <b>Writing or drawing accessories</b> |   |
| <b>13/00</b> | <b>Drawing instruments, or writing or drawing appliances or accessories not otherwise provided for (<a href="#">stencils for surface decoration B44D</a>)</b>                           | <b>17/00</b>                          | <b>Blotters (blotting pads <a href="#">B43L 3/00</a>; combined with writing implements <a href="#">B43K 29/04</a>; making blotting paper <a href="#">D21F 11/14</a>)</b>          |
| 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}   | <b>19/00</b>                          | <b>Erasers, rubbers, or erasing devices; Holders therefor (rubbers or erasing knives combined with writing implements <a href="#">B43K 29/02</a>, <a href="#">B43K 29/18</a>)</b> |
| 13/02        | . Draughting machines or drawing devices for keeping parallelism (T-squares <a href="#">B43L 7/02</a> )   | 19/0006                               | . {motor-driven}  |
| 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> )}           | 19/0012                               | . . {Mechanical motors, e.g. springs, spindles}   |
| 13/024       | . . . {Drawing heads therefor}  | 19/0018                               | . {with fluids}   |
| 13/026       | . . . {for writing characters or symbols ( <a href="#">manual lettering devices B43L 13/004</a> )}  | 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