

# CPC COOPERATIVE PATENT CLASSIFICATION

## B PERFORMING OPERATIONS; TRANSPORTING

(NOTES omitted)

### PRINTING

## B41 PRINTING; LINING MACHINES; TYPEWRITERS; STAMPS

### B41N PRINTING PLATES OR FOILS (photosensitive material [G03](#)); MATERIALS FOR SURFACES USED IN PRINTING MACHINES FOR PRINTING, INKING, DAMPING, OR THE LIKE; PREPARING SUCH SURFACES FOR USE AND CONSERVING THEM

#### WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

- |             |  |             |  |
|-------------|--|-------------|--|
| <b>1/00</b> | <b>Printing plates or foils; Materials therefor</b>  | 1/245       | . . {characterised by the thermo-perforable polymeric film heat absorbing means or release coating therefor}   |
| 1/003       | . {with ink abhesive means or abhesive forming means, such as abhesive siloxane or fluoro compounds, e.g. for dry lithographic printing}   | 1/246       | . . {characterised by the electroconductive means or additives}  |
| 1/006       | . {made entirely of inorganic materials other than natural stone or metals, e.g. ceramics, carbide materials, ferroelectric materials}   | 1/247       | . . {Meshes, gauzes, woven or similar screen materials; Preparation thereof, e.g. by plasma treatment}   |
| 1/02        | . made of stone  | 1/248       | . . {Mechanical details, e.g. fixation holes, reinforcement or guiding means; Perforation lines; Ink holding means; Visually or otherwise detectable marking means; Stencil units}   |
| 1/04        | . metallic   |             |  |
| 1/06        | . . for relief printing or intaglio printing   |             |  |
| 1/08        | . . for lithographic printing { <a href="#">(B41N 1/003, B41N 3/03 take precedence; compositions of the image-forming layer B41C 1/10)</a> }                                     |             |  |
| 1/083       | . . . {made of aluminium or aluminium alloys or having such surface layers <a href="#">(B41N 1/086 takes precedence)</a> }   | <b>3/00</b> | <b>Preparing for use and conserving printing surfaces</b>  |
| 1/086       | . . . {laminated on a paper or plastic base}   | 3/003       | . {of intaglio formes, e.g. application of a wear-resistant coating, such as chrome, on the already-engraved plate or cylinder; Preparing for reuse, e.g. removing of the Ballard shell; Correction of the engraving}                  |
| 1/10        | . . . multiple   |             |  |
| 1/12        | . non-metallic other than stone {, e.g. printing plates or foils comprising inorganic materials in an organic matrix <a href="#">(B41N 1/003, B41N 1/006 take precedence)</a> }  | 3/006       | . {Cleaning, washing, rinsing or reclaiming of printing formes other than intaglio formes <a href="#">(B41N 3/06 takes precedence)</a> }   |
| 1/14        | . . Lithographic printing foils { <a href="#">(B41N 1/003, B41N 3/03 take precedence; compositions of the image-forming layer B41C 1/10)</a> }                                   | 3/03        | . Chemical or electrical pretreatment  |
| 1/16        | . Curved printing plates, especially cylinders { <a href="#">(B41N 1/003, B41N 1/006 take precedence)</a> }  | 3/032       | . . {Graining by laser, arc or plasma means}   |
| 1/18        | . . made of stone  | 3/034       | . . {characterised by the electrochemical treatment of the aluminum support, e.g. anodisation, electro-graining; Sealing of the anodised layer; Treatment of the anodic layer with inorganic compounds; Colouring of the anodic layer} |
| 1/20        | . . made of metal {or similar inorganic compounds, e.g. plasma coated ceramics, carbides}  | 3/036       | . . {characterised by the presence of a polymeric hydrophilic coating}   |
| 1/22        | . . made of other substances   | 3/038       | . . {Treatment with a chromium compound, a silicon compound, a phosphorus compound or a compound of a metal of group IVB; Hydrophilic coatings obtained by hydrolysis of organometallic compounds}                                     |
| 1/24        | . Stencils; Stencil materials; Carriers therefor <a href="#">(stencilling apparatus for office or other commercial use B41L 13/00)</a>   | 3/04        | . Graining or abrasion by mechanical means <a href="#">(chemical graining B41N 3/03)</a>   |
| 1/241       | . . {characterised by the adhesive means}  | 3/06        | . by use of detergents   |
| 1/242       | . . {Backing sheets; Top sheets; Intercalated sheets, e.g. cushion sheets; Release layers or coatings; Means to obtain a contrasting image, e.g. with a carbon sheet or coating} |             |  |
| 1/243       | . . {characterised by the ink pervious sheet, e.g. yoshino paper}  |             |  |

## B41N

- 3/08
    - . Damping; Neutralising or similar differentiation treatments for lithographic printing formes; {Gumming or finishing solutions, fountain solutions, correction or deletion fluids, or on-press development (treatment of materials containing silver salts [G03F 7/063](#); developers *per se* for processing photosensitive materials [G03F 7/32](#))}
  - 6/00 Mounting boards; {Sleeves} Make-ready devices, e.g. underlays, overlays; Attaching by chemical means, e.g. vulcanising**
  - 6/02
    - . Chemical means for fastening printing formes on mounting boards
  - 7/00 Shells for rollers of printing machines**
  - 7/005
    - . {Coating of the composition; Moulding; Reclaiming; Finishing; Trimming}
  - 7/02
    - . of leather
  - 7/04
    - . for damping rollers
  - 7/06
    - . for inking rollers {(construction of inking rollers [B41F 31/26](#))}
  - 10/00 Blankets or like coverings; Coverings for wipers for intaglio printing (wipers for intaglio printing [B41F 9/08](#))**
  - 10/005
    - . {Coverings for wipers}
  - 10/02
    - . Blanket structure
  - 10/04
    - . . multi-layer
  - 10/06
    - . . facilitating fastening to, or location on, supports
  - 11/00 Stereotype mats**
  - 99/00 Subject matter not provided for in other groups of this subclass**
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- 2207/00 Location or type of the layers in shells for rollers of printing machines**
  - 2207/02
    - . Top layers
  - 2207/04
    - . Intermediate layers
  - 2207/06
    - . Backcoats; Back layers; Bottom layers
  - 2207/10
    - . characterised by inorganic compounds, e.g. pigments
  - 2207/12
    - . characterised by non-macromolecular organic compounds
  - 2207/14
    - . characterised by macromolecular organic compounds
  - 2210/00 Location or type of the layers in multi-layer blankets or like coverings**
  - 2210/02
    - . Top layers
  - 2210/04
    - . Intermediate layers
  - 2210/06
    - . Backcoats; Back layers; Bottom layers
  - 2210/10
    - . characterised by inorganic compounds, e.g. pigments
  - 2210/12
    - . characterised by non-macromolecular organic compounds
  - 2210/14
    - . characterised by macromolecular organic compounds