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.

1/00 Printing plates or foils; Materials therefor
1/003 . { with ink abhesive means or abhesive forming means, such as abhesive siloxane or fluoro compounds, e.g. for dry lithographic printing}
1/006 . { made entirely of inorganic materials other than natural stone or metals, e.g. ceramics, carbide materials, ferroelectric materials}
1/02 . made of stone
1/04 . metallic
1/06 . . for relief printing or intaglio printing
1/08 . . for lithographic printing { (B41N 1/003, B41N 3/03 take precedence; compositions of the image-forming layer B41C 1/10) }
1/083 . . . { made of aluminium or aluminium alloys or having such surface layers (B41N 1/086 takes precedence) }
1/086 . . . { laminated on a paper or plastic base }
1/10 . . . multiple
1/12 . non-metallic other than stone {, e.g. printing plates or foils comprising inorganic materials in an organic matrix (B41N 1/003, B41N 1/006 take precedence) }
1/14 . . Lithographic printing foils { (B41N 1/003, B41N 3/03 take precedence; compositions of the image-forming layer B41C 1/10) }
1/16 . Curved printing plates, especially cylinders { (B41N 1/003, B41N 1/006 take precedence) }
1/18 . . made of stone
1/20 . . made of metal { or similar inorganic compounds, e.g. plasma coated ceramics, carbides }
1/22 . . made of other substances
1/24 . Stencils; Stencil materials; Carriers therefor (stencilling apparatus for office or other commercial use B41L 13/00)
1/241 . . { characterised by the adhesive means }
1/242 . . { Backing sheets; Top sheets; Interlaced 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 }
1/245 . . { characterised by the thermo-perforable polymeric film heat absorbing means or release coating therefor }
1/246 . . { characterised by the electroconductive means or additives }
1/247 . . . { Meshes, gauzes, woven or similar screen materials; Preparation thereof, e.g. by plasma treatment }
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 }

3/00 Preparing for use and conserving printing surfaces
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 }
3/006 . . { Cleaning, washing, rinsing or reclaiming of printing formes other than intaglio formes (B41N 3/06 takes precedence) }
3/03 . Chemical or electrical pretreatment
3/032 . . { Graining by laser, arc or plasma means }
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 }
3/036 . . . { characterised by the presence of a polymeric hydrophilic coating }
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 }
3/04 . . Graining or abrasion by mechanical means { (chemical graining B41N 3/03) }
3/06 . . by use of detergents
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

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