B41 N  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 1/03, B41N 1/06 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 1/06 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
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)]

Mounting boards; [Sleeves] Make-ready devices, e.g. underlays, overlays; Attaching by chemical means, e.g. vulcanising

Chemical means for fastening printing formes on mounting boards

Shells for rollers of printing machines

{Coating of the composition; Moulding; Reclaiming; Finishing; Trimming}

of leather

for damping rollers

for inking rollers {construction of inking rollers B41F 31/26}

Blankets or like coverings; Coverings for wipers for intaglio printing (wipers for intaglio printing B41F 9/08)

{Coverings for wipers}

Blanket structure

multi-layer

facilitating fastening to, or location on, supports

Stereotype mats

Subject matter not provided for in other groups of this subclass

Location or type of the layers in shells for rollers of printing machines

Top layers

Intermediate layers

Backcoats; Back layers; Bottom layers

characterised by inorganic compounds, e.g. pigments

characterised by non-macromolecular organic compounds

characterised by macromolecular organic compounds

Location or type of the layers in multi-layer blankets or like coverings

Top layers

Intermediate layers

Backcoats; Back layers; Bottom layers

characterised by inorganic compounds, e.g. pigments

characterised by non-macromolecular organic compounds

characterised by macromolecular organic compounds