

ECLA EUROPEAN CLASSIFICATION

- 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 [N: In this subclass the COPES System is used]**
- B41N1/00 Printing plates or foils; Materials therefor**
- B41N1/00A . [N: with ink abhesive means or abhesive forming means, such as abhesive siloxane or fluoro compounds, e.g. for dry lithographic printing] [N9802]
 - B41N1/00B . [N: made entirely of inorganic materials other than natural stone or metals, e.g. ceramics, carbide materials, ferroelectric materials] [N9804]
 - B41N1/02 . made of stone
 - B41N1/04 . metallic [C9804]
 - B41N1/06 . . for relief printing or intaglio printing
 - B41N1/08 . . for lithographic printing [N: ([B41N1/00A](#), [B41N3/03](#) take precedence; compositions of the image-forming layer [B41C1/10](#))] [C0312]
 - B41N1/08A . . . [N: made of aluminium or aluminium alloys or having such surface layers ([B41N1/08L](#) takes precedence)] [N9804]
 - B41N1/08L . . . [N: laminated on a paper or plastic base] [N9804]
 - B41N1/10 . . . multiple
 - B41N1/12 . non-metallic other than stone, [N: e.g. printing plates or foils comprising inorganic materials in an organic matrix ([B41N1/00A](#), [B41N1/00B](#) take precedence)] [C9804]
 - B41N1/14 . . Lithographic printing foils [N: ([B41N1/00A](#), [B41N3/03](#) take precedence; compositions of the image-forming layer [B41C1/10](#))] [C0312]
 - B41N1/16 . Curved printing plates, especially cylinders [N: ([B41N1/00A](#), [B41N1/00B](#) take precedence)] [C9804]
 - B41N1/18 . . made of stone
 - B41N1/20 . . made of metal [N: or similar inorganic compounds, e.g. plasma coated ceramics, carbides]
 - B41N1/22 . . made of other substances
 - B41N1/24 . Stencils; Stencil materials; Carriers therefor ([stencilling apparatus for office or other commercial use B41L13/00](#))
 - B41N1/24A . . [N: characterised by the adhesive means] [N9903]
 - B41N1/24B . . [N: 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] [N9903]
 - B41N1/24C . . [N: characterised by the ink pervious sheet, e.g. yoshino paper] [N9903]
 - B41N1/24H . . [N: characterised by the thermo-perforable polymeric film heat absorbing means or release coating therefor] [N9903]

- B41N1/24L . . [N: characterised by the electroconductive means or additives] [N9906]
- B41N1/24M . . [N: Meshes, gauzes, woven or similar screen materials; Preparation thereof, e.g. by plasma treatment] [N9611]
- B41N1/24N . . [N: Mechanical details, e.g. fixation holes, reinforcement or guiding means; Perforation lines; Ink holding means; Visually or otherwise detectable marking means; Stencil units] [N9903]

- B41N3/00 Preparing for use and conserving printing surfaces**

- B41N3/00A . [N: 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] [N9908]
- B41N3/00B . [N: Cleaning, washing, rinsing or reclaiming of printing formes other than intaglio formes ([B41N3/06](#) takes precedence)] [N9908]

- B41N3/03 . Chemical or electrical pretreatment
- B41N3/03A . . [N: Graining by laser, arc or plasma means] [N9902]
- B41N3/03E . . [N: 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] [N9902]
- B41N3/03P . . [N: characterised by the presence of a polymeric hydrophilic coating] [N9902]
- B41N3/03S . . [N: 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] [N9902] [C9906]

- B41N3/04 . Graining or abrasion by mechanical means ([chemical graining B41N3/03](#))
- B41N3/06 . by use of detergents

- B41N3/08 . Damping; Neutralising or similar differentiation treatments for lithographic printing formes; [N: Gumming or finishing solutions, fountain solutions, correction or deletion fluids, or on-press development ([treatment of materials containing silver salts G03F7/06L](#); [developers per se for processing photosensitive materials G03F7/32](#))] [C0712]

- B41N6/00 Mounting boards; [N: Sleeves] Make-ready devices, e.g. underlays, overlays; Attaching by chemical means, e.g. vulcanising [C0809]**

- B41N6/02 . Chemical means for fastening printing formes on mounting boards

- B41N7/00 Shells for rollers of printing machines**

- B41N7/00C . [N: Coating of the composition; Moulding; Reclaiming; Finishing; Trimming]
- B41N7/02 . of leather
- B41N7/04 . for damping rollers
- B41N7/06 . for inking rollers [N: construction of inking rollers [B41F31/26](#)] [C0711]

B41N10/00 **Blankets or like coverings; Coverings for wipers for intaglio printing (wipers for intaglio printing [B41F9/08](#))**

B41N10/00B . **[N: Coverings for wipers]**

B41N10/02 . Blanket structure

B41N10/04 . . multi-layer

B41N10/06 . . facilitating fastening to, or location on, supports

B41N11/00 **Stereotype mats**

B41N99/00 **Subject matter not provided for in other groups of this subclass [\[N0704\]](#)**