

# CPC COOPERATIVE PATENT 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 {In this subclass the COPES System is used}

<b>1/00</b>	<b>Printing plates or foils; Materials therefor</b>	<b>3/003</b>	<ul style="list-style-type: none"> <li>• {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}</li> </ul>
1/003	<ul style="list-style-type: none"> <li>• {with ink adhesive means or adhesive forming means, such as adhesive siloxane or fluoro compounds, e.g. for dry lithographic printing}</li> </ul>		
1/006	<ul style="list-style-type: none"> <li>• {made entirely of inorganic materials other than natural stone or metals, e.g. ceramics, carbide materials, ferroelectric materials}</li> </ul>	3/006	<ul style="list-style-type: none"> <li>• {Cleaning, washing, rinsing or reclaiming of printing formes other than intaglio formes (B41N 3/06 takes precedence)}</li> </ul>
1/02	<ul style="list-style-type: none"> <li>• made of stone</li> </ul>	3/03	<ul style="list-style-type: none"> <li>• Chemical or electrical pretreatment</li> </ul>
1/04	<ul style="list-style-type: none"> <li>• metallic</li> </ul>	3/032	<ul style="list-style-type: none"> <li>• • {Graining by laser, arc or plasma means}</li> </ul>
1/06	<ul style="list-style-type: none"> <li>• • for relief printing or intaglio printing</li> </ul>	3/034	<ul style="list-style-type: none"> <li>• • {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}</li> </ul>
1/08	<ul style="list-style-type: none"> <li>• • for lithographic printing {(B41N 1/003, B41N 3/03 take precedence; compositions of the image-forming layer B41C 1/10)}</li> </ul>	3/036	<ul style="list-style-type: none"> <li>• • {characterised by the presence of a polymeric hydrophilic coating}</li> </ul>
1/083	<ul style="list-style-type: none"> <li>• • • {made of aluminium or aluminium alloys or having such surface layers (B41N 1/086 takes precedence)}</li> </ul>	3/038	<ul style="list-style-type: none"> <li>• • {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}</li> </ul>
1/086	<ul style="list-style-type: none"> <li>• • • {laminated on a paper or plastic base}</li> </ul>		
1/10	<ul style="list-style-type: none"> <li>• • • multiple</li> </ul>		
1/12	<ul style="list-style-type: none"> <li>• 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)}</li> </ul>	3/04	<ul style="list-style-type: none"> <li>• Graining or abrasion by mechanical means (chemical graining B41N 3/03)</li> </ul>
1/14	<ul style="list-style-type: none"> <li>• • Lithographic printing foils {(B41N 1/003, B41N 3/03 take precedence; compositions of the image-forming layer B41C 1/10)}</li> </ul>	3/06	<ul style="list-style-type: none"> <li>• by use of detergents</li> </ul>
1/16	<ul style="list-style-type: none"> <li>• Curved printing plates, especially cylinders {(B41N 1/003, B41N 1/006 take precedence)}</li> </ul>	3/08	<ul style="list-style-type: none"> <li>• 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)}</li> </ul>
1/18	<ul style="list-style-type: none"> <li>• • made of stone</li> </ul>	<b>6/00</b>	<b>Mounting boards; {Sleeves} Make-ready devices, e.g. underlays, overlays; Attaching by chemical means, e.g. vulcanising</b>
1/20	<ul style="list-style-type: none"> <li>• • made of metal {or similar inorganic compounds, e.g. plasma coated ceramics, carbides}</li> </ul>	6/02	<ul style="list-style-type: none"> <li>• Chemical means for fastening printing formes on mounting boards</li> </ul>
1/22	<ul style="list-style-type: none"> <li>• • made of other substances</li> </ul>	<b>7/00</b>	<b>Shells for rollers of printing machines</b>
1/24	<ul style="list-style-type: none"> <li>• Stencils; Stencil materials; Carriers therefor (stencilling apparatus for office or other commercial use B41L 13/00)</li> </ul>	7/005	<ul style="list-style-type: none"> <li>• {Coating of the composition; Moulding; Reclaiming; Finishing; Trimming}</li> </ul>
1/241	<ul style="list-style-type: none"> <li>• • {characterised by the adhesive means}</li> </ul>	7/02	<ul style="list-style-type: none"> <li>• of leather</li> </ul>
1/242	<ul style="list-style-type: none"> <li>• • {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}</li> </ul>	7/04	<ul style="list-style-type: none"> <li>• for damping rollers</li> </ul>
1/243	<ul style="list-style-type: none"> <li>• • {characterised by the ink pervious sheet, e.g. yoshino paper}</li> </ul>	7/06	<ul style="list-style-type: none"> <li>• for inking rollers {(construction of inking rollers B41F 31/26)}</li> </ul>
1/245	<ul style="list-style-type: none"> <li>• • {characterised by the thermo-perforable polymeric film heat absorbing means or release coating therefor}</li> </ul>	<b>10/00</b>	<b>Blankets or like coverings; Coverings for wipers for intaglio printing (wipers for intaglio printing B41F 9/08)</b>
1/246	<ul style="list-style-type: none"> <li>• • {characterised by the electroconductive means or additives}</li> </ul>	10/005	<ul style="list-style-type: none"> <li>• {Coverings for wipers}</li> </ul>
1/247	<ul style="list-style-type: none"> <li>• • {Meshes, gauzes, woven or similar screen materials; Preparation thereof, e.g. by plasma treatment}</li> </ul>	10/02	<ul style="list-style-type: none"> <li>• Blanket structure</li> </ul>
1/248	<ul style="list-style-type: none"> <li>• • {Mechanical details, e.g. fixation holes, reinforcement or guiding means; Perforation lines; Ink holding means; Visually or otherwise detectable marking means; Stencil units}</li> </ul>	10/04	<ul style="list-style-type: none"> <li>• • multi-layer</li> </ul>
<b>3/00</b>	<b>Preparing for use and conserving printing surfaces</b>	10/06	<ul style="list-style-type: none"> <li>• • facilitating fastening to, or location on, supports</li> </ul>
		<b>11/00</b>	<b>Stereotype mats</b>

**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