SECTION B — PERFORMING OPERATIONS; TRANSPORTING

B41 PRINTING; LINING MACHINES; TYPEWRITERS; STAMPS

B41M PRINTING, DUPLICATING, MARKING, OR COPYING PROCESSES; COLOUR PRINTING (correction of typographical errors B41J; processes for applying transfer pictures or the like B44C 1/16; fluid media for correction of typographical errors by coating C09D 10/00; printing textiles D06P)

1/00 Inking and printing with a printer's forme
1/02 • Letterpress printing, e.g. book printing
1/04 • • Flexographic printing
1/06 • Lithographic printing
1/08 • • Dry printing
1/10 • Intaglio printing
1/12 • Stencil printing; Silk-screen printing
1/14 • Multicolour printing
1/16 • • using different inks which flow into one another to produce iridescent effects
1/18 • • Printing one ink over another
1/20 • • by applying differently-coloured inks simultaneously to different parts of the printing surface
1/22 • Metallic printing; Printing with powdered inks
1/24 • combined with embossing (printing machines for carrying out printing operations combined with embossing B41F 19/02) **[2]**
1/26 • Printing on other surfaces than ordinary paper (B41M 1/40 takes precedence)
1/28 • • on metals
1/30 • • on organic plastics, horn, or like materials
1/32 • • on rubber
1/34 • • on glass or ceramic surfaces
1/36 • • on pretreated paper, e.g. on parchment, oiled paper, paper for registration purposes
1/38 • • on wooden surfaces, leather, or linoleum (printing on matches or match boxes when combined with match manufacture C06F 1/18)
1/40 • Printing on bodies of particular shapes
1/42 • Printing without contact between forme and surface to be printed, e.g. by using electrostatic fields **[2]**

3/00 Printing processes to produce particular kinds of printed work, e.g. patterns (special designs or pictures per se B44F; manufacturing printed circuits using printing techniques H05K 3/12) **[5]**
3/02 • Maps; Sea or meteorological charts
3/04 • Music
3/06 • Veined printings; Fluorescent printings; Stereoscopic images; Imitated patterns, e.g. tissues, textiles **[5]**
3/10 • Watermarks
3/12 • Transfer pictures or the like, e.g. decalcomanias
3/14 • Security printing
3/16 • Braille printing (typewriters or selective printing mechanisms for Braille printing B41J 3/32) **[2]**
3/18 • Particular kinds of wallpapers

5/00 Duplicating or marking methods; Sheet materials for use therein (by using light-sensitive materials G03; electrography, magnetography G03G)
5/025 • by transferring ink from the master sheet **[4]**
5/03 • • by pressure **[4]**
5/035 • • by sublimation or volatilisation of design **[4]**
5/04 • • using solvent-soluble dyestuffs on the master sheet, e.g. alcohol-soluble **[5]**
5/06 • • using master sheets coated with jelly-like materials, e.g. gelatin
5/08 • • • Sheet materials therefor
5/10 • by using carbon paper or the like
5/124 • using pressure to make a masked colour visible, e.g. to make a coloured support visible, to create an opaque or transparent pattern, or to form colour by uniting colour-forming components **[5]**
5/128 • • Desensitisers; Compositions for fault correction, detection or identification of the layers **[5]**
5/132 • • Chemical colour-forming components; Additives or binders therefor **[5]**
5/136 • • • Organic colour formers, e.g. leuco dyes **[5]**
5/145 • • • • with a lactone or lactam ring **[5]**
5/15 • • • • Spiro-pyrans **[5]**
5/155 • • • Colour-developing components, e.g. acidic compounds; Additives or binders therefor; Layers containing such colour-developing components, additives or binders **[5]**
5/165 • • characterised by the use of microcapsules; Special solvents for incorporating the ingredients **[5]**
5/20 • using electric current (B41M 5/24 takes precedence) **[5]**
5/24 • Ablative recording, e.g. by burning marks; Spark recording **[5]**
5/26 • Thermography (B41M 5/20, B41M 5/24 take precedence; photothermographic systems G03C 1/498) **[5]**
5/28 • • using thermo-chromic compounds or layers containing liquid crystals, microcapsules, bleachable dyes or heat decomposable compounds, e.g. gas liberating **[5]**
5/30 • • using chemical colour formers (B41M 5/34 takes precedence) **[5]**
5/32 • • • one component thereof being a heavy metal compound **[5]**
5/323 • • • Organic colour formers, e.g. leuco dyes **[2006.01]**
5/327 • • • • with a lactone or lactam ring **[2006.01]**
5/333 • • • Colour developing components therefor, e.g. acidic compounds **[2006.01]**
5/337 • • • Additives; Binders **[2006.01]**

5/34 • • Multicolour thermography **[5]**

5/36 • • using a polymeric layer, which may be particulate and which is deformed or structurally changed with modification of its properties, e.g. of its optical, hydrophobic-hydrophilic, solubility or permeability properties **[5]**

5/382 • • Contact transfer or sublimation processes (sublistatic printing B41M 5/035; ink-, dye- or pigment-receptive coatings B41M 5/50) **[2006.01]**

5/385 • • • characterised by the transferable dyes or pigments **[2006.01]**

5/388 • • • • Azo dyes **[2006.01]**

5/39 • • • • Dyes containing one or more carbon-to-nitrogen double bonds, e.g. azomethine **[2006.01]**

5/392 • • • Additives other than colour forming substances, dyes or pigments, e.g. sensitisers, transfer promoting agents **[2006.01]**

5/395 • • • • Macromolecular additives, e.g. binders **[2006.01]**

5/398 • • Processes based on the production of stickiness patterns using powders **[2006.01]**

5/40 • • characterised by the base, intermediate or covering layers; Heat, radiation filtering or absorbing means or layers; combined with layers or compositions suitable for other methods of image registration; Special originals for reproduction by thermography **[5]**

5/41 • • • Base layers **[2006.01]**

5/42 • • • Intermediate or covering layers **[2006.01]**

5/44 • • • • characterised by the macromolecular compounds **[2006.01]**

5/46 • • • characterised by the light-to-heat converting means; characterised by the heat or radiation filtering or absorbing means or layers **[2006.01]**

5/48 • • • combined with other image registration layers or compositions; Special originals for reproduction by thermography **[2006.01]**

5/50 • Recording sheets characterised by the coating used to improve ink, dye or pigment receptivity, e.g. for ink-jet or thermal dye transfer recording (printing on pretreated paper B41M 1/36) **[2006.01]**

5/52 • • Macromolecular coatings **[2006.01]**

7/00 After-treatment of printed works, e.g. heating, irradiating

7/02 • Dusting; Varnishing (devices for treating the surfaces of sheets, webs, or other articles in connection with printing B41F 23/00, B41L 23/00)

9/00 Processes wherein make-ready devices are used (make-ready devices per se B41N 6/00) **[5]**

9/02 • Relief make-readies

9/04 • • photomechanical

99/00 Subject matter not provided for in other groups of this subclass [2006.01]