

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]

B41M

- 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]**