SECTION B — PERFORMING OPERATIONS; TRANSPORTING

B41 PRINTING; LINING MACHINES; TYPEWRITERS; STAMPS

B41D APPARATUS FOR THE MECHANICAL REPRODUCTION OF PRINTING SURFACES FOR STEREOTYPE PRINTING; SHAPING ELASTIC OR DEFORMABLE MATERIAL TO FORM PRINTING SURFACES (marking or engraving metal by the action of a high concentration of electric current B23H 9/06; type, machines, or accessories for making, setting, or distributing type B41B; processes for the manufacture or reproduction of printing surfaces B41C; machines or apparatus for engraving in general, or for embossing B44B 3/00, B44B 5/00; chemical etching of metal C23F 1/00; electrolytic etching C25F 3/00; photomechanical reproduction G03F)

1/00 Preparing or treating stereotype matrices
1/02 • using brushes
1/04 • using cylinders or rollers
1/06 • using presses, e.g. toggle or like lever-and-link type presses
1/08 • • using hydraulic presses
1/10 • Performing secondary operations on matrices
1/12 • • Humidifying or moistening
1/14 • • Drying

Producing printing surfaces

3/00 Casting stereotype plates; Machines, moulds, or devices therefor
3/02 • Horizontal moulds for casting flat plates
3/04 • Moulds, e.g. horizontal, for casting curved, e.g. semi-cylindrical, plates
3/06 • • Vertical moulds
3/08 • Moulds, e.g. horizontal, for casting tubular, i.e. cylindrical, plates
3/10 • • Vertical moulds
3/12 • Multiple-mould stereotype casting machines
3/14 • Details
3/16 • • Matrix clamps
3/18 • • Devices for closing or opening moulds
3/20 • • Melting pots
3/22 • • • with pumps for conveying the molten metal into the casting chambers or boxes
3/24 • • • with control valves
3/26 • • • with devices for stirring the molten metal
3/28 • • Devices for cooling the moulds

5/00 Working, treating, or handling stereotype plates
5/02 • by bending
5/04 • of flat plates
5/06 • of curved plates

7/00 Shaping elastic or deformable material, e.g. rubber, plastics material, to form printing surfaces (making rubber printing blocks B41C 3/04)
7/02 • by impression
7/04 • Forming printing surfaces by covering printing forms with a thin elastic skin, e.g. rubber foil, and retaining the latter thereon; Obtaining reduced or enlarged printing surfaces by using thin elastic transfer foils (pantographic instruments for copying, reducing, or enlarging B43L 13/10)

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