

ECLA EUROPEAN CLASSIFICATION

B41D **APPARATUS FOR THE MECHANICAL REPRODUCTION OF PRINTING SURFACES FOR STEREOTYPE PRINTING; SHAPING ELASTIC OR DEFORMABLE MATERIAL TO FORM PRINTING SURFACES** ([N: engraving by spark erosion B23H;] marking or engraving metal by the action of a high concentration of electric current B23H9/06; 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 B44B3/00, B44B5/00; chemical etching of metal C23F1/00; electrolytic etching C25F3/00; photomechanical reproduction G03F) **[M1207]**

B41D1/00 **Preparing or treating stereotype matrices**

- B41D1/02 . using brushes
- B41D1/04 . using cylinders or rollers
- B41D1/06 . using presses, e.g. toggle or like lever-and-link type presses
- B41D1/08 . . using hydraulic presses
- B41D1/10 . performing secondary operations on matrices
- B41D1/12 . . Humidifying or moistening
- B41D1/14 . . Drying

Guide heading: **Producing printing surfaces**

B41D3/00 **Casting stereotype plates; Machines, moulds, or devices therefor**

- B41D3/02 . Horizontal moulds for casting flat plates
- B41D3/04 . Moulds, e.g. horizontal, for casting curved, e.g. semi-cylindrical, plates
- B41D3/06 . . Vertical moulds
- B41D3/08 . Moulds, e.g. horizontal, for casting tubular, i.e. cylindrical, plates
- B41D3/10 . . Vertical moulds
- B41D3/12 . Multiple mould stereotype casting machines
- B41D3/14 . Details
- B41D3/16 . . Matrix clamps
- B41D3/18 . . Devices for closing or opening moulds
- B41D3/20 . . Melting pots
- B41D3/22 . . . with pumps for conveying the molten metal into the casting chambers or boxes
- B41D3/24 . . . with control valves

- B41D3/26 . . . with devices for stirring the molten metal
- B41D3/28 . . Devices for cooling the moulds

B41D5/00 Working, treating, or handling stereotype plates

- B41D5/02 . by bending
- B41D5/04 . of flat plates
- B41D5/06 . of curved plates

B41D7/00 Shaping elastic or deformable material, e.g. rubber, plastics material, to form printing surfaces ([making rubber printing blocks B41C3/04](#))

- B41D7/02 . by impression
- B41D7/04 . 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 B43L13/10](#))

B41D99/00 Subject matter not provided for in other groups of this subclass [\[N0704\]](#)