

CPC**COOPERATIVE PATENT CLASSIFICATION****B41D**

APPARATUS FOR THE MECHANICAL REPRODUCTION OF PRINTING SURFACES FOR STEREOTYPE PRINTING; SHAPING ELASTIC OR DEFORMABLE MATERIAL TO FORM PRINTING SURFACES ({ engraving by spark erosion [B23H](#) ; } 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](#))

Guidance heading:**B41D 1/00 Preparing or treating stereotype matrices**

- [B41D 1/02](#) . using brushes
- [B41D 1/04](#) . using cylinders or rollers
- [B41D 1/06](#) . using presses, e.g. toggle or like lever-and-link type presses
- [B41D 1/08](#) . . using hydraulic presses
- [B41D 1/10](#) . performing secondary operations on matrices
- [B41D 1/12](#) . . Humidifying or moistening
- [B41D 1/14](#) . . Drying

Guidance heading: Producing printing surfaces**B41D 3/00 Casting stereotype plates; Machines, moulds, or devices therefor**

- [B41D 3/02](#) . Horizontal moulds for casting flat plates
- [B41D 3/04](#) . Moulds, e.g. horizontal, for casting curved, e.g. semi-cylindrical, plates
- [B41D 3/06](#) . . Vertical moulds
- [B41D 3/08](#) . Moulds, e.g. horizontal, for casting tubular, i.e. cylindrical, plates
- [B41D 3/10](#) . . Vertical moulds
- [B41D 3/12](#) . Multiple mould stereotype casting machines
- [B41D 3/14](#) . Details
- [B41D 3/16](#) . . Matrix clamps
- [B41D 3/18](#) . . Devices for closing or opening moulds
- [B41D 3/20](#) . . Melting pots

- B41D 3/22 . . . with pumps for conveying the molten metal into the casting chambers or boxes
- B41D 3/24 . . . with control valves
- B41D 3/26 . . . with devices for stirring the molten metal
- B41D 3/28 . . Devices for cooling the moulds

B41D 5/00 Working, treating, or handling stereotype plates

- B41D 5/02 . by bending
- B41D 5/04 . of flat plates
- B41D 5/06 . of curved plates

B41D 7/00 Shaping elastic or deformable material, e.g. rubber, plastics material, to form printing surfaces ([making rubber printing blocks B41C 3/04](#))

- B41D 7/02 . by impression
- B41D 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](#))

B41D 99/00 Subject matter not provided for in other groups of this subclass