

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](#))

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**