

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

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**