

**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** [\[N0704\]](#)