## CPC COOPERATIVE PATENT CLASSIFICATION

# B PERFORMING OPERATIONS; TRANSPORTING

(NOTES omitted)

### **PRINTING**

**PRINTING; LINING MACHINES; TYPEWRITERS; STAMPS** 

# 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)

### WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

99/00

1/00	Preparing or treating stereotype matrices	7/00
1/02	<ul> <li>using brushes</li> </ul>	
1/04	<ul> <li>using cylinders or rollers</li> </ul>	
1/06	<ul> <li>using presses, e.g. toggle or like lever-and-link type</li> </ul>	7/02
	presses	7/04
1/08	using hydraulic presses	
1/10	<ul> <li>Performing secondary operations on matrices</li> </ul>	
1/12	Humidifying or moistening	
1/14	• Drying	

# Shaping elastic or deformable material, e.g. rubber, plastics material, to form printing surfaces (making rubber printing blocks <u>B41C 3/04</u>)

- . by impression
- 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)

### **Producing printing surfaces**

3/00	Casting stereotype plates; Machines, moulds, or
	devices therefor

- 3/02 Horizontal moulds for casting flat plates
- Moulds, e.g. horizontal, for casting curved, e.g. semi-cylindrical, plates
- 3/06 Vertical moulds
- 3/08 Moulds, e.g. horizontal, for casting tubular, i.e. cylindrical, plates
- 3/10 . . Vertical moulds
- 3/12 Multiple mould stereotype casting machines
- 3/14 . Details
- 3/16 . . Matrix clamps
- 3/18 Devices for closing or opening moulds
- 3/20 . Melting pots
- 3/22 . . . with pumps for conveying the molten metal into the casting chambers or boxes
- 3/24 . . . with control valves
- 3/26 . . . with devices for stirring the molten metal
- 3/28 . Devices for cooling the moulds

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

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

Subject matter not provided for in other groups of this subclass

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