**B44B**

**MACHINES, APPARATUS OR TOOLS FOR ARTISTIC WORK, e.g. FOR SCULPTURING, GUILLOCHING, CARVING, BRANDING, INLAYING (processes for producing decorative effects B44C; embossing leather C14B)**

**Definition statement**

*This place covers:*

- Artist's machines or apparatus equipped with tools or work holders moving or able to be controlled three-dimensionally for making single sculptures or models,
- Artist's machines or apparatus equipped with tools or work holders moving or able to be controlled substantially two-dimensionally for carving, engraving, or guilloching shallow ornamenting or markings,
- Machines or apparatus for embossing decorations or marks, e.g. embossing coins,
- Machines, apparatus or hand tools for branding,
- Machines or apparatus for inlaying with ornamental structures, e.g. tarsia or mosaic work,
- Artist's hand tools for sculpturing, kneading, carving, engraving, guilloching or embossing; accessories therefor.

**Relationships with other classification places**

Attention is drawn to the fact that class B44 is related to any machine, apparatus, tool or process so far as the matter produces an effect or product meant to be judged by eye, whereby human emotions or intellect may be influenced or affected.

General relationship of B44B with B41

B41C and B41D cover processes and apparatus for the reproduction of printing surfaces; B41F, B41J, B41K and B41M cover embossing combined with application of ink, type marking presses, selective embossing mechanisms.

General relationship of B44B with B44C, B44D and B44F

B44C covers processes for producing decorative surface effects or ornamental structures by removing surface material e.g. by engraving, pressing or stamping, by pyrography and by uniting ornamental elements to mosaics or mosaic plates in B44C 1/00 and B44C 3/00, and for producing special ornamental bodies in B44C 5/00.

B44D covers artist's accessories or implements for use in connection with painting or artistic drawing, accessories and implements for removing dry paint from surfaces, e.g. by scraping or burning, and surface treatment to obtain artistic effects or finishes or treatment for preserving or restoring paintings.

B44F covers special designs or pictures, e.g. special or unusual light effects and designs imitating natural patterns.

**References**

**Limiting references**

*This place does not cover:*

<p>| Marking or engraving machining specially adapted for treating particular metal objects or for obtaining special effects or results on metal object by the action of a high concentration of electric current | B23H 9/06 |</p>
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<td>Attention is drawn to the following places, which may be of interest for search:</td>
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| Working or processing of sheet metal or metal tubes, rods or profiles without essentially removing material | B21D |
| Control systems or devices for copying directly from a pattern or master model | B23Q 35/00 |
| Surface shaping of plastics or of substances in a plastic state by mechanical means, e.g. embossing; apparatus therefor | B29C 59/02 |
| Embossing of paper of cardboard without removing material included combined deformation and laminating | B31F 1/07 |
| Processes for the manufacture or reproduction of printing surfaces; engraving | B41C 1/02 |
| Processes or the manufacture or reproduction of printing surfaces by embossing, e.g. with a typewriter | B41C 1/08 |
| Printing machines or presses; apparatus or machines for carrying out printing operations combined with embossing | B41F 19/02 |
| Typewriters; selective printing mechanisms for embossing | B41J 3/38 |
| Stamps; stamping or numbering apparatus or devices with means for offset or intaglio stamping | B41K 1/30 |
| Stamps; stamping or numbering apparatus or devices with means for relief stamping | B41K 3/14 |
| Stamps; stamping or numbering apparatus or devices with means for deforming or punching the copy matter | B41K 3/36 |
| Hand tools specially adapted for the treatment of hides, skins or leather | C14B 19/00 |
| Photomechanical production of textured or patterned surfaces, e.g. for printing, for processing of semiconductor devices, apparatus specially adapted therefor; exposure | G03F 7/20 |

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| Decorative arts | Crafts or arts providing an effect or product meant to be judged by eye, whereby human emotions or intellect may be influenced or affected. Such crafts or arts may comprise techniques such as sculpturing, kneading, carving, engraving, guilloching, embossing, branding, inlaying. |
Artistic work

Work performed by craftsmen or artists to provide an effect or product meant to be judged by eye, whereby human emotions or intellect may be influenced or affected. Artistic work may comprise techniques such as sculpturing, kneading, carving, engraving, guilloching, embossing, branding, inlaying.

B44B 1/00

Artist's machines or apparatus equipped with tools or work holders moving or able to be controlled three-dimensionally for making single sculptures or models (copying devices for machine tool use B23Q 35/00)

Definition statement

This place covers:

Artist's machines or apparatus equipped with tools or work holders moving or able to be controlled three-dimensionally for making single sculptures or models
B44B 3/00

Artist’s machines or apparatus equipped with tools or work holders moving or able to be controlled substantially two-dimensionally for carving, engraving, or guilloching shallow ornamenting or markings (marking or engraving metal by the action of a high concentration of electric current B23H 9/06; forme engraving B41C, B41D; engraving by photomechanical reproduction G03F)

Definition statement

This place covers:

Artist’s machines or apparatus equipped with tools or work holders moving or able to be controlled substantially two-dimensionally for carving, engraving or guilloching shallow ornamenting or markings
**B44B 5/00**

Machines or apparatus for embossing decorations or marks, e.g. embossing coins (corrugating sheet metal or metal tubes, embossing combined with sheet-metal working operations **B21D**; embossing plastics or substances in a plastic state, in general **B29C 59/00**; embossing of paper or cardboard in general **B31F 1/07**; forme embossing **B41C 1/08**; embossing combined with application of ink, type marking presses, selective embossing mechanisms **B41F, B41J, B41K, B41M**; embossing leather **C14B**)

**Definition statement**

*This place covers:*

Machines or apparatus for embossing decorations or marks, e.g. embossing coins, embossing dies and accessories for holding work or loading and discharging arrangements
US20070275169

Fig. 3

Fig. 4

Fig. 5

Fig. 6

DE2146865
B44B 7/00

Machines, apparatus or hand tools for branding, {e.g. using radiant energy such as laser beams} (burning or charring wood stock B27M 1/06)

Definition statement

This place covers:

Machines, apparatus or hand tools for branding essentially by using heat to create a design on the surface of a workpiece, e.g. by partially burning the surface layer

US3732908

B44B 9/00

Machines or apparatus for inlaying with ornamental structures, e.g. tarsia or mosaic work (uniting ornamental elements, on a support B44C 1/28, to structures B44C 3/12; imitation of mosaic or tarsia work patterns B44F 11/04)

References

Limiting references

This place does not cover:

| Uniting ornamental elements on a support       | B44C 1/28 |
| Uniting ornaments elements to structures      | B44C 3/12 |
| Imitation of mosaic or tarsia work patterns   | B44F 11/04 |
B44B 11/00

Artists' hand tools for sculpturing, kneading, carving, engraving, guilloching or embossing; Accessories therefor

Definition statement

This place covers:

Artist's hand tools for sculpturing, kneading, carving, engraving, guilloching or embossing essentially creating a surface relief onto a workpiece