

CPC COOPERATIVE PATENT CLASSIFICATION

B PERFORMING OPERATIONS; TRANSPORTING

(NOTES omitted)

PRINTING

B44 DECORATIVE ARTS

(NOTE omitted)

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](#))

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| <p>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)</p> <p>1/003 . {having several cutting tools}</p> <p>1/006 . {using computer control means}</p> <p>1/02 . wherein three-dimensional copies are made</p> <p>1/04 . . having devices for changing, e.g. proportionally enlarging or reducing, the shape from an original pattern</p> <p>1/06 . Accessories</p> <p>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)</p> <p>3/001 . {by copying}</p> <p>3/002 . . {using a pantograph}</p> <p>3/003 . . {using a pendulum}</p> <p>3/004 . . {using a tool controlled by a photoelectric scanning device}</p> <p>3/005 . {characterised by the power drive}</p> <p>3/006 . {carving or engraving devices having several cutting tools}</p> <p>3/007 . {in layered material}</p> <p>3/008 . {characterised by multi-step processes}</p> <p>3/009 . {using a computer control means}</p> <p>3/02 . wherein plane surfaces are worked</p> <p>3/04 . wherein non-plane surfaces are worked</p> <p>3/06 . Accessories, e.g. tool or work holders</p> <p>3/061 . . {Tool heads}</p> <p>3/063 . . {Tool holders}</p> <p>3/065 . . {Work holders}</p> <p>3/066 . . {Master copy holders}</p> <p>3/068 . . {Tracer heads (B44B 3/004 takes precedence)}</p> | <p>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)</p> <p>5/0004 . {characterised by the movement of the embossing tool(s), or the movement of the work, during the embossing operation}</p> <p>5/0009 . . {Rotating embossing tools}</p> <p>5/0014 . . . {and rotating workpieces}</p> <p>5/0019 . . {Rectilinearly moving embossing tools}</p> <p>5/0023 . . . {actuated by a lever}</p> <p>5/0028 . . . {cooperating with rotating workpieces}</p> <p>5/0033 . . {Oscillating embossing tools}</p> <p>5/0038 . . . {actuated by a lever}</p> <p>5/0042 . . . {performing a rolling-off motion with respect to the workpiece}</p> <p>5/0047 . {by rolling (B44B 5/0061 takes precedence)}</p> <p>5/0052 . {by pressing (B44B 5/0061 and B44B 5/0076 take precedence)}</p> <p>5/0057 . . {using more than one die assembly simultaneously}</p> <p>5/0061 . {characterised by the power drive}</p> <p>5/0066 . . {producing a vibratory motion}</p> <p>5/0071 . {which simultaneously apply a decorative material}</p> <p>5/0076 . {having a series of embossing tools each of which can be brought into working position}</p> <p>5/008 . {in layered material; connecting a plurality of layers by embossing}</p> <p>5/0085 . {Portable apparatus for manual operation}</p> <p>5/009 . {by multi-step processes}</p> <p>5/0095 . {using computer control means}</p> <p>5/02 . Dies; Accessories</p> <p>5/022 . . {Devices for holding or supporting work}</p> <p>5/024 . . {Work piece loading or discharging arrangements}</p> <p>5/026 . . {Dies (B44B 5/028 takes precedence)}</p> <p>5/028 . . {Heated dies}</p> |
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- 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](#))**
 - 7/002 . {in layered material}
 - 7/005 . {by multi-step processes}
 - 7/007 . {using a computer control means}
 - 7/02 . Branding irons
- 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](#))**
- 11/00** **Artists' hand tools for sculpturing, kneading, carving, engraving, guilloching or embossing; Accessories therefor**
 - 11/02 . for substantially two-dimensional carving, engraving or guilloching
 - 11/04 . for embossing
- 2700/00** **Machines, apparatus, tools or accessories for artistic work**
 - 2700/02 . 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
 - 2700/021 . . by copying
 - 2700/023 . . for engraving parallel lines of flat surfaces
 - 2700/025 . . for engraving a surface of revolution
 - 2700/026 . . for guilloching
 - 2700/028 . . Electrical engraving machines
 - 2700/04 . Machines or tools for carving
 - 2700/045 . . Electrical engraving machines
 - 2700/06 . Machines, apparatus or tools for stippling
 - 2700/08 . Machines, apparatus or hand tools for branding
 - 2700/09 . Machines or apparatus for making models
 - 2700/12 . Accessories; Tool or work holders