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)

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.

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)
   1/003  .  [having several cutting tools]
   1/006  .  [using computer control means]
   1/02  .  wherein three-dimensional copies are made
   1/04  .  having devices for changing, e.g. proportionally enlarging or reducing, the shape from an original pattern
   1/06  .  Accessories

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)
   3/001  .  [by copying]
   3/002  .  .  [using a pantograph]
   3/003  .  .  [using a pendulum]
   3/004  .  .  [using a tool controlled by a photoelectric scanning device]
   3/005  .  .  [characterised by the power drive]
   3/006  .  .  [carving or engraving devices having several cutting tools]
   3/007  .  .  [in layered material]
   3/008  .  .  [characterised by multi-step processes]
   3/009  .  .  [using a computer control means]
   3/02  .  .  wherein plane surfaces are worked
   3/04  .  .  wherein non-plane surfaces are worked
   3/06  .  .  Accessories, e.g. tool or work holders
   3/061  .  .  .  {Tool heads}
   3/063  .  .  .  {Tool holders}
   3/065  .  .  .  {Work holders}
   3/066  .  .  .  {Master copy holders}
   3/068  .  .  .  {Tracer heads (B44B 3/004 takes precedence)}

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 B41E, B41J, B41K, B41M; embossing leather C14B)
   5/0004  .  .  [characterised by the movement of the embossing tool(s), or the movement of the work, during the embossing operation]
   5/0009  .  .  .  [Rotating embossing tools]
   5/0014  .  .  .  [and rotating workpieces]
   5/0019  .  .  .  [Rectilinearly moving embossing tools]
   5/0023  .  .  .  [acteduate by a lever]
   5/0028  .  .  .  [cooperating with rotating workpieces]
   5/0033  .  .  .  [Oscillating embossing tools]
   5/0038  .  .  .  [acteduate by a lever]
   5/0042  .  .  .  [performing a rolling-off motion with respect to the workpiece]
   5/0047  .  .  .  [by rolling (B44B 5/0061 takes precedence)]
   5/0052  .  .  .  [by pressing (B44B 5/0061 and B44B 5/0076 take precedence)]
   5/0057  .  .  .  [using more than one die assembly simultaneously]
   5/0061  .  .  .  [characterised by the power drive]
   5/0066  .  .  .  [producing a vibratory motion]
   5/0071  .  .  .  [which simultaneously apply a decorative material]
   5/0076  .  .  .  [having a series of embossing tools each of which can be brought into working position]
   5/008  .  .  .  [in layered material; connecting a plurality of layers by embossing]
   5/0085  .  .  .  [Portable apparatus for manual operation]
   5/009  .  .  .  [by multi-step processes]
   5/0095  .  .  .  [using computer control means]
   5/02  .  .  .  Dies; Accessories
   5/022  .  .  .  [Devices for holding or supporting work]
   5/024  .  .  .  [Work piece loading or discharging arrangements]
5/026 . {Dies (B44B 5/028 takes precedence)}
5/028 . {Heated dies}

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