

**75 Sculpture, painting, surface decoration**

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- 75a Machines and devices for sculpture, pointing, modelling, copying, engraving, guilloching and carving; stamping devices for general purposes; machines for carrying out the processes covered by 75b – 75d**
- 75b General processes for shaping and decorating, including mosaics and inlaid work**
- 75c Art painting and painting processes; devices for the application of paint, paint containers, paint sprayers, other manually operated auxiliary devices**
- 75d Processes for the preparation of surfaces with special light effects or designs or pictures of special kinds: funny, magic or hidden pictures, diaphanes, glass painting imitation, imitations of natural or artificial designs, except industrial glassmaking processes**
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- 75a Machines and devices for sculpture, pointing, modelling, copying, engraving, guilloching and carving; stamping devices for general purposes; machines for carrying out the processes covered by 75b – 75d**

**Machines and devices for surface decoration**

- 75a-1 Dies, machines and tools used in pyrography (electric heating elements 21h-29 – 21h-31; for shoe-making 71c-56, 71c-95/18)
- 75a-2 Machines and devices for stamping, including coining, presses and the like for general purposes (coining of emergency money, beer and game tokens 44a-50; hand stamps and striking stamps with ink supply 15h-1; die presses for sheet metal and pipes 7c-13; bookbinder presses 11c-4; embossing presses with character punches 15a-27; manufacture of stereotype matrices 15c-1; embossing-printing presses and platen embossing printing presses for gold printing and colour embossing 15d-55, 15d-56; box embossing-presses 54a-7; embossing of paper, cardboard 54d-1; printing on pencils 15d-17; embossing of celluloid 39a; leather 28b; embossing of wood or of similar material 75b-11, 75b-19)
- 75a-3 Machines and devices for chip carving (manufacture of ornamental mouldings 38c-3)
- 75a-4 Machines and devices for manufacture of mosaics and inlaid works (woodworking 38k-4; decorations produced by combining elements 75b-13)
- 75a-5 Machines and devices for surface decoration by other not especially mentioned methods, e.g. puncturing, etching, gilding
- Engraving machines, e.g. machines and devices in which the tool, e.g. die, type, generally can move only rectilinearly in the direction of the depth of the work**
- 75a-6 in general
- 75a-7 electrically driven
- 75a-8 for rotors
- 75a-9 for grooved rolls
- 75a-10 for making straight and parallel lines on plane surfaces (drawing instruments 42a-16, 42a-20)
- 75a-11 for guilloching (drawing of curves 42a-14)
- 75a-12 Details of engraving machines

**Copying machines**

- 75a-13 Copying machines and devices with work or tool freely moved in space by manual guiding (sculpture machines) engraving of glass articles
- 75a-14 Copying machines, reproducing lathes with automatic guiding of sensor and tool, in particular for propellers, shoe lasts and violin bodies (reproducing milling machines for metal 49b-5; copying lathes for metal: 49a-13, 49a-15)
- 75a-15 Copying machines for special purposes, e.g. for copying of end faces; for making templates for the shoe industry (profiling 75a-18)

**Machines and devices for the determination of body shapes**

- 75a-16 Machines and devices for pointing, in sculpture
- 75a-17 Contour and shape measuring instruments
- 75a-18 Profiling (modelling) devices (for tailoring 3d-4/01; photosculpture 57b-19; shaping of plastic materials 75b-17; drawing instruments 42a-14, 42a-20)

**Machines used in painting** (related processes and devices 75c)

- 75a-19 Machines and devices for preparation of surfaces and application of paints and coating (varnish grinding 67a-31/30)
- 75a-20 Machines and devices for the direct application of paints and coatings (insulation of electric wire and drying apparatus 21c-7/06; enamel coatings 48c-1)
- 75a-20/01 Machines and their use in the application of non-metallic coatings on pipes, sheet metal cans and their bodies (process 75c-6, 75c-6/05; metallic coatings and chemical surface treatment, class 48; foil linings for preserve cans 64c-57)
- 75a-21 Machines and devices for the application of paints and coatings by immersion, cable impregnating apparatus 21c-7/06)
- 75a-22 Machines and devices for the application of paints and coatings by atomisation, spraying, e.g. spray chambers (spraying of fibre materials 8a-1; plaster spraying 37d-32/02)
- 75a-23 Machines and devices for the manufacture of special decorative articles and patterns (related processes 75b, 75d)

**75b General processes for shaping and decorating, including mosaics and inlaid work** (glass decorating 32b-5 – 32b-11, 32b-15/00 – 32b-23/00, 32b-27/00)**Surface decoration**

- 75b-1 by local modification of the material, e.g. by pyrography (burning processes)
- 75b-2 by local applications of coatings, e.g. by electrolysis (48a)
- 75b-3 by application of granular materials, e.g. glass powder, bronzing and the like (8b-31; 15k-5; 75d-19/01 – 75d-19/02)
- 75b-4 by application of fibrous substances, e.g. velvet finishing (8b-31; 15k-5; 75c-4)
- 75b-5 by application of flat material, e.g. foils, fabric elements and the like (15k-5; 75c-4/01 – 75c-4/02)
- 75b-6 by application of pictures, especially transfer pictures (production by printing 15k-8, 15k-9; by painting 75c-5/01 – 75c-5/10)
- 75b-7 by application of three-dimensional decorative patterns, e.g. flowers, reliefs and the like
- 75b-8 by application of plastic materials and shaping of materials (75c-16)
- 75b-9 by application of shaped devices or plastic materials (75b-17)
- 75b-10 by local removal of material, e.g. by engraving, etching and the like (15b-1; 32b-6; 32b-7; 32b-15/00; 32b-19/00; 75b-18; 75b-20; 75d-16)
- 75b-11 by local imprinting, impressing, etc. of decorative shapes (75b-19; 15k-6)
- 75b-12 by embedding decorative patterns into the material of the base: inlaid work of all kinds, e.g. niello work, intarsia (manufacture of plates with decorative pattern extending through the thickness 75b-20)
- 75b-13 by combining ornamental parts in a base: mosaics of all kinds (manufacture of mosaic plates with decorative pattern extending through the thickness 75b-21)

- 75b-14 by other means
- Production of individual decorative patterns**
- 75b-15 of relief forms by superimposing of layers (relief maps 42n-9/04; photosculpture 57b-19)
- 75b-16 of relief forms by free modelling in plastic materials (75b-8)
- 75b-17 of relief forms by impressing master patterns into plastic materials, e.g. clay reproduction (75b-9)
- 75b-18 of relief forms by removing material from a body: sculpture proper (75b-10)
- 75b-19 of relief forms by stamping, pressing, bending and the like (15k-6; 75b-11)
- 75b-20 Production and filling of openwork, e.g. saw-tooth work, inlaid plates (75b-12; 75b-21)
- 75b-21 Free combination of elements into ornamental patterns, e.g. mosaic plates of various kinds (75b-13; 75b-20)
- 75b-22 Production of individual decorative patterns except 75b-15 – 75b-21
- Special decorative articles**
- 75b-23 Special pattern picture settings, fastening of antlers to plates (picture frames 34f-2)
- 75b-24 Ornamental plates, e.g. wall plates, veneers (37b-2; 80b-23)
- 75b-25 Decorative cards and the like (75b-15)
- 75b-26 Plastic decorations, e.g. plaster plates, photomechanical decorative plates
- 75b-27 Decorative letters, numbers and the like
- 75b-28 Natural decorative elements and their imitation (artificial flowers 3e-1)
- 75b-29 Decorative articles except 75b-23 – 75b-28
- 75b-57/00 Wallpapering**
- 75b-57/02 . Machines, devices, tools and accessories therefor
- 75c Art painting and painting processes, e.g. varnishing methods for wood, metal, leather, sheets; devices for the application of paint, paint containers, paint sprayers, other manually operated auxiliary devices**
- Processes for art painting, painting and varnishing**
- 75c-1 Special painting techniques and drawing methods, e.g. oil painting, water-colour painting, pastel painting, relief painting
- 75c-2 Painting by removing colour from a temporary base, e.g. marbling processes with floating colours
- 75c-3 Painting by application of sprayed colours and powdered colours, e.g. special spraying processes, bronzing processes by bronze powder spraying (bronzing machines 15e-3)
- Colouring and surface protection by application of foils.e.g.by adhering or pressing
- 75c-4/01 of synthetic resin, cellulose acetate or celluloid foils
- 75c-4/02 of metallic foils and the like, gilding of mouldings (manufacture of metallic foils 49l-2, 75b-5)
- 75c-5/01 General painting processes using application of coatings, e.g. application of varnish by casting, immersion brushing or rolling (spraying methods 75c-3), after-treatment of varnished surfaces, e.g. by action of ozone, ultraviolet radiations, special drying processes for varnished articles (drying ovens 82a)
- 75c-5/02 Wood varnishing processes
- 75c-5/03 Varnishing processes for leather and after-treatment of varnished leather (dyeing of leather 8m; machines 28b-17)
- 75c-5/04 Varnishing processes for metal and special anticorrosive coating processes (rust proofing agents 22g-7/02; 48d-4; 48d1)
- 75c-5/05 Application of metal-containing coatings such as bronze varnishes, burning-in of metal-containing layers (metal spraying processes 48b-11, 48b-7/00)

- 75c-5/06 Varnishing of foils, e.g. hydro-cellulose, metallic or paper foils (impregnation of paper 55f-11)
- 75c-5/07 Methods of painting artificial stone surfaces, e.g. walls, ceilings, front walls
- 75c-5/08 Varnishing processes using synthetic resin varnishes
- 75c-5/09 Varnishing processes using crackle finish
- 75c-5/10 Varnishing processes using rubber varnishes
- 75c-6 Processes for the application of non-metallic coatings on tubes, both internally and externally (machines for the application of such coatings 75a-20/01; metallic coatings 48a, 48b; chemical surface-treatment 48c, 48d, 48d1)
- 75c-6/05 Non-metallic coatings on sheet metal cans (machines for the application of such coatings 75a-20/01; metallic coating 48a, 48b; chemical surface treatment 48c, 48d, 48d1; lining 64a-57)
- 75c-7/01 Colouring by masking the base with protective varnish: resist method, batik method
- 75c-7/02 Colouring and production of characters by means of stencils
- 75c-8 Decoration by local removal of applied paint in specific areas, e.g. by scraping, etching, abrading, stripping (75b-10)
- 75c-9 Varnishing of wire, hoses and the like, devices therefor (for electrical engineering purposes 21c-7)
- 75c-10 Miscellaneous painting and drawing bases, picture preservation
- Devices and manually operated apparatus for art painting and painting technique**
- 75c-11 Colour charts and the like
- 75c-12 Devices and machines for grinding paint (roller mills, paint grinders 50c)
- 75c-13/01 Devices for stirring and mixing paints
- 75c-13/02 Paint sieves and knives
- 75c-13/03 Paint-mixing machines for liquid and semi-liquid paints (paint-mixing machines for dry paints 50f)
- 75c-14 Palettes for painters
- 75c-15/01 Containers for paints; brush holders; paint tube (81c-12; 81c-15)
- 75c-15/02 Double cans for paints: bronze and liquor containers
- 75c-15/03 Paint can holders
- 75c-16 Paint boxes
- 75c-17 Apparatus and devices for cleaning of surfaces prior to painting, e.g. scraping devices and burning-off lamps for paints
- 75c-18 Stretching frames for canvas and the like
- 75c-19 Other devices for holding the articles to be painted, e.g. balls, doors, etc. during the painting operation
- Devices and manually operated apparatus for direct colouring and for the application of coatings, general (machines 75a-19 – 75a-23)**
- 75c-20/01 Fountain brush arrangements with separate paint container and pressure feeding of paint (simple fountain brushes 9b)
- 75c-20/02 Apparatus and devices for application of paints, general, e.g. for drawing paint lines, batik sticks, varnish pourers
- 75c-21 Apparatus and devices for immersing articles in paint or materials (for fabrics 8a-3 – 8a-5)
- 75c-22/01 Apparatus and devices for spray-painting, e.g. paint guns (other types of sprayers 30k, 45k, 85g-5; metal atomisers 48b-12; spraying machines 75a-22)
- 75c-22/02 Spraying devices with artificial heating of paint or air
- 75c-22/03 Rotor spray guns, brushes and centrifugal paint-spraying devices (for fabrics 8a-1, 8a-2)
- 75c-23/01 Auxiliary devices for sprayers, e.g. valves, paint containers, water separators (spray chambers 75a-22)
- 75c-23/02 Nozzles for spray guns

- 75c-24 Devices for application of foils and the like (machines 75a; 11c-4)
- Apparatus and hand-operated devices for the production of colour designs during painting** (machines 75a)
- 75c-25 Manual devices for direct design application of paint, e.g. graining devices, surface pattern-rollers, stencil rollers
- 75c-26/01 Stencils for surface decoration, production of stencils
- 75c-26/02 Stencil holders, painting patterns
- 75c-27 Manual devices for local removal or shifting of applied paints, e.g. paint swabs
- 75c-28/01 Hand devices for drawing, except 75c-25 – 75c-27, e.g. blueprint markers (70c-11), pattern-engraving devices
- 75c-28/02 Cords for tracing paint lines
- 75c-29 Auxiliary devices for the painting art, e.g. burning-in lamps for varnish, painter's belts, devices for removal of old paint layers (drying ovens for varnished articles 82a)
- 75d Processes for the preparation of surfaces with special light effects or designs or pictures of special kinds: funny, magic or hidden pictures, diaphanes, glass painting imitation, imitations of natural or artificial designs, except industrial glassmaking processes**
- Pictures and designs characterised by special light effects and production processes therefor**
- 75d-1 for incident light: dull, shiny and silky effects
- 75d-2 for transmitted light: transparencies, glass painting imitations and the like (etching, vitrifiable colour coatings, sand-blasting of glass 32b-5 – 32b-11, 32b-15/00 – 32b-19/00)
- 75d-3 for incident light and for re-reflected light, e.g. pictures with mirror backing
- 75d-4 for light effect not included in 75d-1 – 75d-3, especially luminescent pictures
- Pictures and designs characterised by colour effect, and production processes therefor**
- 75d-5/01 Changing, funny and hidden pictures
- 75d-5/02 Changing pictures with screen
- 75d-5/03 Securities, banknotes, as related to design and forgery prevention (15k-9; 55d-17; 55f-9; 57a-11; 77f-26; 77f-33/22)
- 75d-6 Pictures and designs with iridescent effects (75d-19/01)
- 75d-7 Pictures and designs with colour effects, except 75d-5/01 – 75d-6
- Methods for production of designs characterised by relief effects**
- 75d-8 Line designs, e.g. checkers
- 75d-9 Symmetrical, repeated and combined designs
- 75d-10 Contour designs, except 75d-8 and 75d-9
- Methods for production of designs characterised by surface effects**
- 75d-11 Washed-out, stained and mottled designs
- 75d-12 Designs with local reflection effects
- 75d-13 Surface designs, except 75d-11 and 75d-12
- Production methods for imitations and for obtaining three-dimensional effects**
- 75d-14 Imitations of three-dimensional effects by suitable colouring, e.g. by painting, printing
- 75d-15 Obtaining three-dimensional effects by means other than colouring
- Methods for imitation of natural designs** (of natural decorations 75b-28)
- 75d-16 of wood patterns, (devices for obtaining grain effects 75c-20/02, 75c-25)
- 75d-17 of stone patterns, especially imitation of marble, only as relates to the decoration of surfaces 80b-15; 8n-8)
- 75d-18 of horn, ivory and meerscham patterns and the like

- 75d-19/01 of pearl and mother-of-pearl patterns
- 75d-19/02 of crystal patterns, e.g. by means of crystallisable organic materials
- 75d-20 of metal and metallic oxide patterns and the like (48d)
- 75d-21 of leather and fabric patterns and the like, also lace patterns, by using other materials
- 75d-22 of natural patterns, except 75d-16 – 75d-21

**Imitation of artificial designs**

- 75d-23 of paintings and the surface structure of paintings
- 75d-24 of mosaic and inlay designs (75b-12; 75b-13; 75b-20; 75b-21)
- 75d-25 of ceramic designs (80b-23)
- 75d-26 of artificial designs, except 75d-23 – 75d-25