The German Patent Classification, Class 8

8 Bleaching, washing, dyeing, cloth printing, wallpaper printing; finishing of textiles

8a Bleaching, dyeing, mercerising, impregnating or washing textile fibres, yarns, hosiery, etc.; fulling of fabrics and the like, mechanical section

8b Finishing and decorating yarns, fabrics, knit fabrics, etc., mechanical section

8c Printing of yarns, fabrics, knit fabrics, floor coverings, wall coverings, and the like, mechanical section

8d Laundry cleaning and apparatus, mechanical section

8e Cleaning and inverting devices for bags; cleaning, sorting of, and stuffing with, bed feathers; manufacture of bed feathers from bird feathers

8f Folding, measuring, winding, laying out, doubling, cutting, opening or packing yarns, fabrics, knit fabrics, etc.

8g Manufacture of pleats, ruches, frills

8h Covering materials: linoleum, lincrusta, oilcloth, tapestry and other coated surface structures, mechanical section

8i Bleaching and washing, chemical section

8k Textile treatment, chemical section

8l Covering materials: linoleum, oilcloth, roofing pasteboard and other coated surface materials, chemical section

8m Dyeing and mordanting, chemical section, development of dyes on the fibre, preparation of dyestuffs

8n Cloth printing and miscellaneous surface decoration of textile fabrics, chemical section, cloth printing

8o Fibre protection agents, wetting and foaming agents, in general

8a Application of bleaching, washing or dying liquors to fibres

8a-1 Application of bleaching, washing or dyeing liquors on fibres through pulverisation or spraying with or without stencils (for stencil printing see 8c-8, 8n-7; in the painting art 75c-3, 75c-22/01 – 75c-22/03, 75c-23/01, 75c-23/02)

8a-2/01 Rolls and brushes for application of bleaching, washing, or dyeing liquors on fibres (for laundry see 8d-3)

8a-2/02 Stencils

8a-2/03 Dyeing of leather

8a-3 Introduction of fibres into bleaching, washing or dyeing liquors

8a-3 Bleaching, washing and dyeing of fibres by introduction into liquors also hank taking off devices, nozzles
Localised dyeing, e.g. strip dyeing, chine making, mechanical section, provided that application is not done by means of rolls and spraying devices (chemical section 8n, stencil processes in the painting art 75c-7/02)

Chemical washing (so-called dry cleaning), cleaning of textile materials and textile fibre goods by means of volatile solvents, also by centrifuging, mechanical section (chemical section 8i-5; washing of white linen 8d, wool washing 76a-1 – 76a-4; recovery of fats and oils, with the exception of rag cleaning 23a-2, 23a-4, 23c)

Miscellaneous spot removers

**Conveying fibre material through bleaching, washing or dyeing liquors**
(wet treatment of artificial silk during production 29a-6/08)

Conveying warp yarns in spread-out condition or in hanks through bleaching, washing or dyeing liquors

Conveying textile fibres, rovings, etc. through bleaching, washing or dyeing liquors

Conveying hanks through bleaching, washing or dyeing liquors

Foam treatment

Conveying of fabrics in the spread-up condition through bleaching, washing or dyeing liquors

Cleaning of tubular fabrics

Silk weighting

Wide dyeing machines with fabrics return, jigs

Wet treatment of spread-out material in pile form

General

Conveying fabric hanks through bleaching, washing, or dyeing liquors

Wet treatment of spread-out material in pile form

**Conveying bleaching, washing or dyeing liquors through fibrous material**

Conveying bleaching, washing, or dyeing liquors through textile fabrics and fibrous bands in wound form

Conveying bleaching, washing, or dyeing liquors through fibrous bands

Conveying bleaching, washing, or dyeing liquors through yarns in wound or cop form

Conveying bleaching, washing or dyeing liquors through fabrics, hosiery or linoleum (manufacture of linoleum 8h)

Wet treatment of hat bodies (hat manufacturing and felts 41, especially 41d-1 – 41d-4)

Conveying bleaching, washing or dyeing liquors through hanks

Conveying bleaching, washing or dyeing liquors through warping in the beamed condition

Conveying bleaching, washing or dyeing liquors through fibrous material in open vats, the shape of which is not determined, as in 8a-11 – 8a-16, by the type of fibre material (open containers 8a-36/02)

Conveying bleaching, washing or dyeing liquors through fibrous material in closed vats, the shape of which is not determined, as in 8a-11 – 8a-16, by the type of fibre materials, kiers

Conveying bleaching, washing or dyeing liquors through fibrous material by centrifuging (centrifugal machines, general 82b; for the spinning of artificial silk 29a-6/14; laundry centrifugal extractors 8d-6)

**Mercerising, lustre mercerising and finishing through shrinking, mechanical section** (chemical section 8k-2)

Mercerising, in general

Mercerising of strands

Mercerising of warp yarn

Mercerising of hank yarn

Mercerising of fabrics and knit fabrics, also finishing through shrinking
8a-24/02 Mercerising of stockings, etc.

**Sizing, dressing, and impregnating, in particular waterproofing of textile fibres, mechanical section** (chemical section 8k; impregnation in the spinning mill 76c-27)

8a-25/01 Sizing, dressing and impregnating of warp yarns (preparation of weft for weaving 86a-3; finishing on the weaving looms 86c-34/01), also manufacture of high-strength yarn and drying of sized warps (drying of yarns, general 8b-7 – 8b-9; thread glazing and paraffining equipment 76d-20/02)

8a-25/02 Sizing of artificial silk (during the manufacturing process 29a-6/07)

8a-26 Sizing, dressing and impregnation of hanks, manufacture of high-strength yarn in hank form

8a-27 Sizing, dressing and impregnation of fabrics and knit fabrics (chemical section 8k-3, 8k-4; manufacture of permanent-finish linen 3a-3 – 3a-5, 8k-1; rubber coating applying machine 39a-10/06, 39a-6)

8a-28 Impregnation, varnishing of heddles and shafts, etc., made of twine or cord

8a-29 Size boilers, gas and fire equipment, for coating fabric with sizing and gluing compound (liquid)

**Fulling**

8a-30 Fulling rolls for fabric or the like

8a-31 Beater fulling rolls for fabrics or the like

8a-32/01 Combined fulling rolls for fabrics or the like

8a-32/02 Fulling processes, general

**Squeezing and expressing of fibrous material**

8a-33 Squeezing and expressing of fibres, strands and yarns

8a-34 Squeezing and expressing of fabric and knit fabrics (wringing machines 8d-12)

8a-35 Rolls for dyeing, wringing and sizing machines, and the like (8a-2; 8d-12/09)

8a-36/01 Miscellaneous elements included in the mechanical section of dyeing, e.g. spools, spindles, yarn holders, yarn reels, pattern-printing devices and other equipment for textile dyeing (bobbins in general 76d-17)

8a-36/02 Containers, troughs, vats, etc.

**8b**

**Finishing and decorating yarns, fabrics, knit fabrics, etc., mechanical section** (bleaching, dyeing, printing, mercerising, impregnating, washing, fulling, mechanical section 8a, 8c; chemical section 8i, 8k, 8m, 8n)

**Drying of yarns, fabrics, knit fabrics, etc.** (drying of fibres 82a; drying of sized yarn warp 8a-25)

8b-1/01 Drying of fabrics without tentering

8b-1/03 Suspended dryers

8b-1/05 Drying by suction and blowing

8b-2 Tentering frames for stretching and drying fabrics (for laundry 8d-15, 8d-16)

8b-3 Drying without tentering, miscellaneous

8b-4/01 Tentering, frame and drying machines for fabrics without diagonal shifting

8b-4/03 Plane, single and multiple stage frames

8b-4/06 Fabric feeding to needles devices, warp guiding, warp cleaning

8b-4/06 Feeding devices, width adjusting devices, disengaging devices

8b-4/10 Automatic controls for temperature, humidity and speed

8b-4/12 Helical and circular dryers

8b-4/14 Miscellaneous

8b-5 Miscellaneous
8b-6 Clamps for fabric tentering and drying machines

Drying and oxidising machines for yarn, strands, etc.

8b-7/01 Card sliver dryers
8b-7/03 Warp yarn dryers
8b-7/05 Hank dryer, spool winder dryers
8b-7/10 Oxidising machines for yarns, strands or the like (oxidation steaming devices 8c-11/03)
8b-8 Strip drying devices

Various drying devices for fabrics (drying, general 82a; for yarn warps 8a-25; moisture removal by centrifuging, general 82b, 8a-19)

8b-9/01 Stocking forms provided with heating and clamping devices
8b-9/04 Forming and drying machines for stockings
8b-9/10 Drying devices for hosiery or the like
8b-9/20 Miscellaneous drying devices
8b-10/01 Guides and width controls for finishing purposes; temple machines, general
8b-10/02 Temple rolls with disks, roll components, slide rods, etc.
8b-10/05 Salvage smoothing devices
8b-10/06 Automatic control devices
8b-11 Full width tenters for plaited fabrics
8b-12 Roughening of fabrics, knit fabrics, etc. (eliminating the lustre from the cloth by roughening 3d-8/11, 3d-29/00)

Steaming, decatising and moistening of fabric, yarns and clothing, when carried out by general finishing processes, e.g. prior to calendering (steaming in the printing art 8c-11/03)

8b-13/01 Steaming and decatising
8b-13/02 Moistening by wetting on belts or immersed rollers, by spraying, or by treating with circulating humid air
8b-03 Conditioning devices
8b-14 Shearing of fabrics and yarns
8b-15 Brushing and beating of fabrics; beating up of etching needles (for velvet and plush, also 8b-29/01)

Singeing of fabrics and yarns

8b-16/01 Yarn tubular gas singeing burners
8b-16/03 Yarn singeing by means of open flames
8b-16/05 Fabric singeing by means of open flames, plates or rollers
8b-16/10 Singeing of stockings or the like
8b-16/15 Electrical singeing

**Smoothing and lustring of yarns, fabrics and knit fabrics**

8b-17 Platen presses, pressing platens, heating devices for pressing platens, and cloth-clamping devices
8b-18 Roller presses for fabrics (8b-29)
8b-19 Calenders, satining machines, roller presses for fabrics (laundry mangles 8d-18; paper calenders 55e-1)
8b-20 Rolls for textile calenders
8b-21 Mangling devices for fabrics (for separate pieces, laundry, etc. 8d-18)
8b-22 Stretching presses for fabrics
8b-23 Beetles for fabrics
8b-24 Ironing of fabric webs (of laundry 8d-21)
8b-25 Scrubbing of fabrics
Lustering of fabrics and yarn: silk finish, radium finish, silk finish mercerising, etc. (fixing of silk finish 8n-5/02)

8b-26/01 Brushing and lustering of yarns
8b-26/03 Applying silk lustre to fabrics, general
8b-26/06 Fine engraving
8b-27/01 Breaking and soupling fabrics and yarns, general
8b-27/02 Hank beating machines
8b-28 Cutting of velvet (velvet-cutting machines connected to looms 86d-9/01)

Mechanical finishing of velvet and plush (8b-18)

8b-29/01 Finish-dressing of velvet and plush (brushing and beating, also 8b-15)
8b-29/03 Production of patterns on velvet and plush
8b-30 Miscellaneous mechanical finishing processes for woven fabrics, knit fabrics, feathers and lace

Production of patterns on fabrics, etc. by application of dyeing powders, etc. (surface decoration 75b-3, 75b-4; spray painting 75c-3) carbonising, goffering (production of patterns on and embossing of paper, etc. 54d-1) moiréing and miscellaneous other procedures

8b-31/01 Production of patterns by changing the nap surface: ratine making, final shearing, singeing, roughening, cutting, etching, brushing, etc. (beating up of etching needles 8b-15)
8b-31/05 Embossing, goffering, moiréing, crepe making (by shrinking 8a-24), pattern rollers
8b-31/08 Application of special materials, such as fibres, dyeing powders, bronze, mica, sand, etc.
8b-32 Shearing of lace and embroidery; cutting of broken threads (on embroidering machines 52b-14/03; clipping and cutting out lace and embroidery 8f-9/02)
8b-33 Miscellaneous mechanical section, finishing and decoration of yarns, fabrics, knit fabrics, etc.

8c Printing of yarns, fabrics, knit fabrics, floor coverings, wall coverings, and the like, mechanical section (chemical section: cloth printing 8n; printing blocks 15b; wallpaper printing, excluding cloth printing, 15k-9/12)

8c-1 Process for printing on textile fabrics, floor coverings, wall hangings, etc. (surface decoration 75, particularly 75c, 75d; printing, general 15; wallpaper printing, chemical section, excluding cloth printing, 15k-9/12)

Plate printing machines and the like for printing textile fabrics, floor coverings, wall hangings, and the like

8c-2 Plate printing machine for printing strands
8c-3 Plate printing machine for yarn printing
8c-4 Plate printing machines for printing webs: fabrics, knit fabrics, floor covering, in particular linoleum; wall hangings, in particular wallpaper

Cylinder printing machines and the like for printing cloth, floor coverings, wall hangings and the like

8c-5 Cylinder printing machines for printing strands
8c-6 Cylinder printing machines for yarn printing

Cylinder printing, roller printing machines for printing webs: fabrics, knit fabrics, floor covering, in particular linoleum, wall hangings, in particular wallpaper

8c-7/01 Printing of flat guided work
8c-7/02 Embossing and printing on a single machine
8c-7/03 Repeating devices
8c-7/04 Cylinder printing machines with ink cloth
8c-7/05 Printing of knit fabrics
8c-7/10 Cylinder printing machines for printing of webs, general
8c-8 Stencil printing of textile fabrics, floor coverings, wall hangings, etc. (spray printing 8a-1; for office printing machines 15d-37)
8c-9 Machine elements: cylinders, plates, doctors (making of printing blocks, etc. 15b), stencils and accessories, e.g. printing bases for textile cloth, floor covering, wall hanging printing presses (stencils as such, see 8a-2/01)
8c-10 Cleaning of components of printing machines for textile fabrics, floor coverings, wall hangings, etc., e.g. pattern cylinders, cylinder blankets
8c-11/01 Miscellaneous in the arts of printing textiles, floor coverings, wall hangings, etc.
8c-11/03 Steamers, rapid steaming installations (oxidation of yarns and carbonisation see 8b-13)

8d Laundry cleaning and apparatus, mechanical section (finishing, chemical section 8i – 8n)

Laundry washing
8d-1 Laundry boilers (furnaces 24a, 36a, 53g, 66a)
8d-2 Boilers with surgers, separate surgers
8d-3 Brush-washing machines of various types
8d-4 Roll-washing machines of all types in which the laundry passes between rollers

Washing machines with friction elements
8d-5/01 with agitator
8d-5/02 with agitator and torsion shaft
8d-5/03 with agitator and reversing gear
8d-5/04 with rotating washing elements, e.g. rolls, blades, rods
8d-5/05 with reciprocating washing elements, e.g. rollers, rolls, ribs, relatively movable friction plates
8d-5/06 with oscillating washing elements, e.g. rolls, ribs
8d-5/07 with basket screen and friction rocking device
8d-5/08 with washing plate and fixed tub
8d-5/09 with oscillating or rotating vat and movable friction element and/or fixed or movable plate
8d-5/10 with washing element and endless belt
8d-5/11 with heating, water circulation, boiler and surging device
8d-5/12 Friction washing machines of all types easily detachable from the tub
8d-5/13 Friction washing machines provided with a direct wringing gear

Drum washing machines, centrifuges for laundry drying (8a-19; 29a; centrifuges, general 82b)
8d-6/01 with steam and water supply
8d-6/02 with heating and surger devices
8d-6/03 with oscillatory rocking container
8d-6/04 with rotating container
8d-6/05 with washing drum rotating in an external container
8d-6/06 with stirring device shifting or rotating about a fixed axis
8d-6/07 with friction elements loosely mounted in the drum
8d-6/08 with squeezing elements
8d-6/20 of all types with inclined rotating axis
8d-6/30 used as centrifugal extractors, centrifugal extractors
8d-6/40 with swing-out drum
8d-6/50 Drum structure
8d-6/60 Drum bearings and closures
8d-6/70 Drum bearings and closures of all types, detachable from the tub
8d-6/80 Drives
8d-6/81 Drum drives connected with wringing machines
8d-6/82 Reversing gears (47h)
   Bell-type pounders, also connected with washing machines
8d-7/01 with handle
8d-7/10 with lever drive
8d-7/20 with rotary oscillating container
8d-8/01 Pounders, hammers, beaters, also in connection with washing machines
8d-8/10 Squeezing devices, also with basket screen, also in connection with washing machines
   Washing machines of all types, with pumps, motor drives, boiler steam;
   miscellaneous washing machines, washing processes
8d-9/01 with moving laundry container
8d-9/10 with laundry clamping device
8d-9/20 with air or water pump
8d-9/30 with steam, water, gas and electric drive
8d-9/40 with boiler steam drive
8d-9/50 Washing processes and installations therefor
8d-9/60 Controlling and checking devices for all types of washing machines
8d-9/70 Washing, bleaching and rinsing units for large laundries, conveying apparatus, field laundries
   Washboards, tubs and frames
8d-10/01 Washboards with metallic rubbing surface
8d-10/02 Washboards with metal wire rubbing surface
8d-10/03 Washboards with wooden rubbing surface
8d-10/04 Washboards with glass, cement, cork, hair, rubber or other rubbing surfaces
8d-10/10 Washboards with soap feeders
8d-10/11 Washboard guards and supporting structures
8d-10/20 Holders for attaching the washboards to tube
8d-10/30 Laundry rubbing devices, glove rubbing devices, boards with rubbing devices
8d-10/40 Washtubs, frames, and supports
8d-10/60 Washtubs with ribbed walls
8d-10/70 Washtubs with inserted baskets used as drains, draining devices
8d-10/80 Washtub cover and handle structures
8d-10/90 Heating devices, valves, sprinkler boards, and the like for washtubs
   Laundry treatment
8d-11/01 Blueing bags, containers for bleaching agents and soap
8d-11/02 Laundry marks, marking devices
8d-11/03 Laundry bags, containers and baskets, laundry counting and sorting devices
8d-11/04 Laundry tongs, lifters and rods
   Laundry drying
8d-12/01 Wringing machines, screw presses
8d-12/02 Pressure adjustors for wringing machines
8d-12/03 Pressure releasing devices for wringing machines
8d-12/04 Drives, bearings and frames for wringing machines
8d-12/04 Wringing machines combined with washing machines, washboards, mangles, ironing machines
8d-12/05 Handle structures for wringing machines
8d-12/06 Discharge and roll guards for wringing machines
8d-12/07 Laundry feeding and discharging devices for wringing machines
8d-12/08 Finger protection devices for wringing machines
8d-12/09 Wringing machine rolls
8d-12/10 Attachment of wringing machine to tubs, tables, frames
8d-12/11 Screw presses, squeezing machines
8d-12/12 Twisting wringers, clamping devices for hand wringing
8d-13/01 Clotheslines, also with laundry holders
8d-13/02 Line holders and tension devices
8d-13/03 Winding drums for line tensioning
8d-13/04 Line winders
8d-13/05 Guide pulleys, line hooks
8d-13/06 Line blocking, coupling and connecting devices
8d-13/07 Line spacers, covers and cleaners
8d-13/08 Line posts
8d-14/01 Wood or tubular clothespins
8d-14/02 Metal, porcelain clothespins
8d-14/03 Clothespin bags, containers, tie-bleaching clamps
8d-15/01 Drying frames, supports, columns
8d-15/02 Window and balcony drying appliances
8d-15/03 Wall drying appliances
8d-15/04 Ceiling dryers
8d-15/05 Dryers combined with stoves, ranges, bathtubs
8d-15/06 Drying slats, rods, hooks, devices for spreading out suspended laundry
8d-15/07 Steam and hot air dryers, drying machines and processes (82a; 8b)

Spreading and drying devices
8d-16/01 for curtains
8d-16/02 for laundry and the like, laundry racks

Laundry finishing, mechanical section
8d-17 Starching machines and devices
Laundry mangles and rolls (8b-21)
8d-18/01 Double-roll mangles
8d-18/02 Three or multiple-roll mangles, also with insertable skein
8d-18/03 Mangles with table and roll
8d-18/04 Box mangles
8d-18/05 Cylinder mangles
8d-19 Moistening, sprinkling and steaming devices preparatory to ironing, also starch spreading devices
Laundry ironing machines, laundry presses (for fabric webs 8b-17 – 8b-24), laundry laying out and folding machines (for fabric webs 8f-5), gloss-ironing devices, edge ironers (33c-15/03)
8d-20/01 Ironing machines with movable iron shoe, rotating iron plate
8d-20/02 Ironing machines with ironing table and rolls, carriage-type ironing machines
8d-20/03 Roll ironing machines
8d-20/04 Trough-type ironing machines
8d-20/10 Laundry presses, general, also platen presses
8d-20/11 Pressing and ironing machines for collars, collar ironing and rounding
8d-20/12 Ironing of turndown collars
8d-20/13 Ironing of pleated collars
8d-20/14 Shaping machines for cuffs
8d-20/15 Ironing and pressing machines for dress shirts
8d-20/20 Driving, reversing, engaging and disengaging devices for all types of ironing machines
8d-20/21 Protection and safety devices
8d-20/22 Feeding and guiding devices, followers
8d-20/23 Heating and steam suction devices
8d-20/24 Scourers, cleaners
8d-20/25 Ironing bases, pads, inserts
8d-20/26 Ironing rolls and covers therefor
8d-20/27 Folding boards, clamps
8d-20/40 Devices for clamping neckbands and holding shirts
8d-20/50 Gloss ironing devices, edge ironing machines, and the like (33c-15/03)
8d-20/60 Laundry laying-out and folding machines, laundry stacking devices

Irons, including electric irons, excluding system of heat generation, and accessories (electric heat-generation, see 21h-8, 21h-13/16)

8d-21/01 Irons with inserting bolts
8d-21/02 Charcoal flatirons
8d-21/03 Gas flatirons
8d-21/04 Alcohol-heated flatirons
8d-21/05 Oils, carbide, or hot water heated flatirons
8d-21/06 Electric flatirons, excluding heat generation
8d-21/07 Steam flatirons, flatirons with devices for moistening and steaming
8d-21/08 Roller-type flatirons, curved shape irons, curling irons
8d-21/09 Flatirons provided with devices for erecting or lifting the iron element
8d-21/10 Flatiron heating devices and heating stoves, flatiron coolers
8d-21/11 Flatiron stands, supports, flatiron suspender devices
8d-21/12 Flatiron cleaning or waxing device
8d-21/13 Feeding lines for flatirons
8d-22/01 Ironing boards with supporting frames or columns
8d-22/02 Ironing boards attachable to tables
8d-22/03 Ironing boards attachable to walls
8d-22/04 Wall or cupboard concealed ironing board
8d-22/05 Ironing boards of all types with sleeve boards
8d-22/06 Sleeve ironing boards, ironing boards without legs
8d-22/07 Ironing boards attached to common tables
8d-22/08 Ironing boards combined with stepladders
8d-22/09 Ironing boards combined with laundry containers, drying racks, laundry holding devices
8d-22/10 Ironing boards combined with laundry racks, washing machines, chairs, etc.
8d-22/11 Ironing boards of all types, with flatiron grate or heating device
8d-22/12 Covers for ironing boards and the fastening thereof to boards

8e Cleaning and inverting devices for bags; cleaning, sorting of, and stuffing with, bed feathers; manufacture of bed feathers from bird feathers

8e-4 Bag cleaning and inverting devices
8e-5/01 Cleaning, sorting and filling of bed feathers
8e-5/02 Manufacture of bed feathers from bird feathers

8f Folding, measuring, winding, laying out, doubling, cutting, opening or packing yarns (76d-21/02), fabrics, knit fabrics, etc. (measuring devices for tapes 42b-5; area measuring machines 42c-13)

8f-1/01 Measuring devices for cloth webs and bales
8f-1/02 Measuring devices provided with cutting devices
8f-2 Measuring and marking devices for cloth webs for printing numbers or applying marks
8f-3/01 Winding machines for cloth webs, ribbons and lace
8f-3/02 Tension controls on winding machines
8f-3/50 Defect detection (42h-34/07; 42k-22)
8f-3/51 Visual inspection machines, inspection tables
8f-4 Measuring and winding machines for cloth webs, etc. (42b-5; counters 42p)
8f-5 Folding and cross-folding machines for cloth webs (for laundry 8d-20/60)
8f-6/01 Doubling machines for cloth webs
8f-6/02 Adjusting devices in doubling machines
8f-7/01 Lap rollers for measuring, winding and marking machines
8f-7/02 Winding boards for measuring, winding and marking machines
8f-8/01 Cross-cutting machines for cloth webs (loom-combined 86c-33; for paper webs 55e-5)
8f-8/02 Diagonal cutting machines for cloth webs (loom-combined 86c-33; for paper webs 55e-6)
8f-8/03 Dividing fabric through tearing or burning
8f-9/01 Longitudinal cutting machines for cloth webs (loom-combined 86c-33, 86d-3; for paper webs 55e-4)
8f-9/02 Clipping and cutting lace and embroidery (cutting off of broken threads 8b-32)
8f-10/01 Clippers for tapestry and cloth webs (3d-5; 3d-7/00; 86c-33)
8f-10/02 Clipping of cloth rolls without unwinding
8f-10/03 Punch cutters for punching out cloth patterns, fabric samples and the like (cutting punches for tailoring 3d-3/05, 3d-7/08)
8f-11/01 Pattern cutting machines for cutting out samples
8f-11/02 Hand cutting knives for cutting out samples
8f-12 Cutting devices for linoleum, tapestry and the like

Making up and packing of textile goods; pattern clamps, sample cards, etc., machines for sticking-on cloth samples (54g-11/60; 54g-15/01; 54g-17; 81c-17)

8f-13/01 Labels and attaching thereof by hand
8f-13/02 Labels and attaching thereof by machines
8f-13/03 Winding cards, bobbins, and boards
8f-13/10 Cloth roll containers and the like
8f-13/11 Ribbon rolls
8f-13/12 Manufacture of sample cards
8f-13/13 Manufacture of yarn skeins
8f-13/14 Hank holders
8f-13/15 Packing, tying up of textile goods
8f-14 Joining textiles with thread-less seams

8g Manufacture of pleats, ruches, frills
8g-1 Hand pleating
8g-2 Machine pleating

8h Covering materials: linoleum, lincrusta, oilcloth, tapestry and other coated surface structures, mechanical section (chemical section 81, 8n; 15k-9/12; manufacture of covering materials from rubber, mechanical section 39a-10/07, 39a6)

8h-1 Manufacture of linoleum from covering material plates
8h-2 Manufacture of linoleum from granular covering materials
8h-3 Roll and plate presses and other machinery for finishing processes related to the linoleum and lincrusta manufacture
8h-4 Substitutes for linoleum
Processes and devices for speckling, veining, etc., deep patterned linoleum

Wall coverings, lincrusta, veneer tapestry, also metallic paper tapestry and manufacturing processes (printing, mechanical 8c-4, 8c-7; printing, chemical 8n; 15k-9/12; from rubber 39b)

Oilcloth, artificial leather made from coated textile fabrics and similar surface structures, also articles made by impregnation or coating of textile fabrics and paper, mechanical section (chemical section 8i-2; artificial leather from plastics 39a-24, 39a7-3/02, 39b)

Textile fabrics covered with different coatings, in particular metallic coatings, with the use of binders, also sewing stitches, etc. general (coating fabrics with metals 48a-2, 48b-10) and manufacturing processes, mechanical section (chemical section 8i-4; paper 55f; surface decoration 75a – 75d)

8i  Bleaching and washing, chemical section

Bleaching, in general, chemical section, using hydrogen peroxide or other bleaching substances not classified in 8i-2, 8i-3 (mechanical section 8a-1 – 8a-19)

Bleaching with chlorine and chlorine-containing bleaching substances

Bleaching by using electrical energy, chemically active radiations, etc.

Kier boiling prior to dyeing, and de-aeration of spun fibres

Washing processes, chemical section (mechanical section for textile goods, in general 8a; for laundry 8d; for wool 76a)

8k  Textile treatment, chemical section (29b; mechanical section 8a, dyeing and preparation prior to dyeing as well as weighting of fibre materials 8m; cloth printing and other pattern applications to textile goods using printing processes 8n; coating of textile fabrics with covering layers 8l)

Sizing and preparing filaments, threads and yarns for further textile processing (mechanical section 8a-25, 8a-26; preparation of spun fibres 29b-5/01)

Desizing and removal of preparation agents

Finishing by starching or by means of other filling agents, laundry starching agents, brightening (mechanical section 3a, 8b, 8d)

Manufacture of permanent-finish linen and stiffened, multilayer laundry (mechanical section 3a-3 – 3a-5, 3a1)

Dull finishing in general (delustring in the spinning operation 29b-3)

Processes for making swelling-shrinking-and creasing-resistant fabrics (making artificial fibres swelling-and shrinking-resistant during their manufacture 29b-3)

Reduction of felting tendency of animal fibres

Finishing fibres, yarns, fabrics and knit fabrics by chemical surface modification of the fibres (fancy yarns 8m-2/02, 8m-2/03)

Strengthening of fabrics and knit fabrics

Other processes of textile refining, except treatment with swelling agents impregnation and fulling, as well as processes dealt with in 29b-4, 29b-6

Treatment with swelling agents, in particular mercerising, auxiliary mercerising agents (mechanical section 8a-20 – 8a-24)

Impregnation of textile goods, particularly for water repellence (8i-2; mechanical section 8a-27, 76c-27; gas proof materials for aircraft 62a-25 – 62a-28; gas proof material against chemical warfare agents 61b-1/01)

Fireproofing of textile goods (mechanical section 8a-27)

Fulling and mordanting of threads, yarns, fabrics and knit fabrics (mordanting in dyeing and cloth printing 8m; mechanical section 8a-30 – 8a-32; chemical pretreatment of fibres for felt manufacture 29b-5/08)
8l  Covering materials: linoleum, oilcloth, roofing pasteboard and other coated surface materials, chemical section

8l-1  Linoleum and linoleum substitutes (mechanical section 8h; coverings for floors and roads 37d, 19c; linoleum cement 39b)

8l-2  Oilcloth, artificial leather, wall coverings produced by impregnating or coating textile fabrics and paper (8h-7; leather substitutes from animal skin, flesh or leather waste 39b)

8l-3  Roofing, pasteboard (mechanical section 55f-14; roof paints 22g-9/01)

8l-4  Textile fabrics with different types of surface layers, general and manufacturing processes involved (mechanical section 8h, 4; coating of fabrics with metals 48a-2, 48b-10)

8m  Dyeing and mordanting, chemical section, development of dyes on the fibre, preparation of dyestuffs

8m-1/01  Dyeing, in general, additives for dyeing baths

8m-1/02  Kier treatment after dyeing

8m-1/03  Dyeing of animal fibres

8m-1/04  Dyeing of vegetable fibres

8m-1/05  Dyeing of artificial silk or films made of cellulose esters or ethers from dyeing baths

8m-1/06  Dyeing of artificial silk or films made from regenerated cellulose obtained from dyeing baths

8m-2/01  Dyeing of mixed fabrics in several colours, additives for dyeing baths

8m-2/02  Manufacture of fancy threads from vegetable fibres

8m-2/03  Manufacture of fancy threads from animal fibres

8m-3/01  Dyeing with vat dyes, in general

8m-3/02  Dyeing with enol derivatives of vat dyes

8m-3/03  Vat dyes, preparations used in form of mixtures (unitary compounds 22b-2, 22b-3; 22e-1, 22e-7/01, 22e-7/02; 12o-23/02)

8m-4  Dyeing with natural dyes (with indigo 8m-3/01)

8m-5  Dyeing with alizarine or other similar mordant dyes

8m-6  Dyeing with aniline black and other similar oxidation dyes

8m-7  Dyeing with azo-dyes, after-treatment of dyed materials by means of metal salts

8m-8/01  Dyeing with sulphur dyes, in general

8m-8/02  Dyeing of animal fibres

8m-8/03  Dyeing of vegetable fibres

8m-9  Dyeing by means of inorganic dyes

8m-10/01  Dyeing of non-textile fabrics

8m-10/02  Dyeing of skins

8m-10/03  Dyeing of leather

8m-11/01  Mordanting preparatory to dyeing and cloth printing

8m-11/02  Weighting of fibre material, e.g. natural or artificial silk

8m-12  Development of colours on the fibre, dyeing processes

8m-13  Preparation of dyes, dyeing preparations

8n  Cloth printing and miscellaneous surface decoration of textile fabrics, chemical section

8n-1/01  Cloth printing, in general, preparation of cloth printing inks

8n-1/02  Printing with vat dyes

8n-1/03  Printing with azo-dyes

8n-1/04  Printing with mordant dyes
8n-2 Solvents for cloth printing inks, thickening agents
8n-3 Resists for cloth printing inks
8n-4/01 Etch-printing for textile fabrics, in general
8n-4/02 Etch-printing with vat dyes
8n-4/03 Etch-printing with azo-dyes
8n-4/04 Etch-printing with mordant dyes

**Surface decoration of textile fabrics except cloth printing, chemical section**

8n-5/01 Surface decoration, in general (75b)
8n-5/02 Fixing of silk finish by chemical means (8b-26/01; 8b-26/03; 8b-26/06)
8n-5/03 Producing of openwork embroidery by chemical means (etching)
8n-5/04 Metalising of fabrics (by spraying 48b-11/01 – 48b-11/04, 48b-12, 48b-7/00, 48b-13/00)
8n-8 Graining and marbling of fabrics (75d-16; 75d-17)

**8o Fibre protection agents, wetting and foaming agents, in general**

Fibre protection agents against action of acid and alkaline liquids, general, wetting and foaming agents, also when used at the same time as cleaning and washing agents (solely for bleaching or washing baths 8i; for mercerising liquors 8f-2; for dyeing baths 8m; for printing pastes 8n; for carbonisation baths 29b; in the leather industry 28a; manufacture of unitary chemical compounds to be used as fibre protecting, wetting or foaming agents 12o, 12p, 12q)

8o (Not subdivided)