86	Weaving industry
86a	Preparatory machines for the weaving industry
86b	Shedding apparatus, dobby and Jacquard machines
86c	Weaving of cloth without pile
86d	Pile, velvet, plush, and chenille weaving
86e	Reed weaving, straw and wood weaving
86f	Wire weaving
86g	Weaving tools and implements
86h	Auxiliary machines for the weaving industry: pattern and card manufacturing, etc., reading-in devices, twisting and warp drawing-in devices
86a	Preparatory machines for the weaving industry
86a-1/01	Preparation of the warp Warping machines, warpers and beam warping machines (disk winding machines 76d-1)
86a-1/02 86a-1/03 86a-1/04	Thread separators: wraiths, expanding combs, wraith driving devices (reeds 86g-1) Devices for thread tensioning, and for stopping of the machine during warping and beaming (76d-7/01; 76d-7/02) Bobbin frames for warping and beaming machines (76d-18)
86a-2	Cleaning and dressing of the warp (76d-20/01)
86a-3	Preparation of the weft Wetting of the weft, pressing and mounting of the weft bobbins, cleaning of the weft tubes and other preparatory processes (weft-bobbin winding machines 76d-4/01)
86b	Shedding apparatus, dobby and Jacquard machines
86b-1	Shedding means of miscellaneous kinds, excluding dobby and Jaquard machines, return motions (heddle left motions 86g-4)
86b-2 86b-3	Dobby machines: arrangement of looms, drives, structures, e.g. open shed, closed shed, gear dobby machines Single lift dobby machines, gear dobby machines Double lift dobby machines
	Components of dobby machines
86b-4/01 86b-4/02 86b-4/03 86b-4/04	Knives, knife motions, griffs Hooks, shed levelling machines Needles, needle devices, needle boards Cylinders, cylinder supports, cylinder motions, card motion reversing, card saving motions
86b-4/10	Harness and heddle stop motions
86b-5 86b-6 86b-7 86b-8 86b-9	Jacquard machines: arrangement of loom, drives, structures Single lift Jacquard machines Double lift Jacquard machines Damask Jacquard machines Double shed Jacquard machines Double velvet Jacquard machines

Components of jacquard machines 86b-10/01 Knives, griffs, griff motions, knife turning devices 86b-10/02 Hooks, bottom boards, stripper grids 86b-10/03 Needles, needle boards
86b-10/02 Hooks, bottom boards, stripper grids
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86h-10/03 Needles needle hoards
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86b-10/04 Cylinders, cylinder drives, cylinder supports, multiple cylinders
86b-10/05 Card saving motions, card motion reversing
86b-10/06 Card chains, card stop motions
86b-10/07 Comber boards
86b-10/08 Harnesses, lingoes, hooking devices, cross hooks
86b-11 Electrically controlled dobby and Jacquard machines
86b-12 Dobby and Jacquard machines with vertical needle apparatus
86c Weaving of cloth without pile
General
86c-1/01 Fabrics: Bead cloth, moiré, gobelin; weaving processes of general character; weaves:
double weave, reinforced weave
86c-1/10 Double weave
86c-1/15 Ribbon (25c-5)
86c-1/20 Weaving material for warp and weft: asbestos, artificial silk, cloth strips, braided
fabrics, quill, etc.
Special fabrics, processes and devices for their production
86c-1/30 Figured fabrics
86c-1/31 Fabrics for linen, e.g.: collars, cuffs (3a-4; 3a1-3/00; 3a1-7/00)
86c-1/32 Paper yarn fabrics
86c-1/33 Elastic fabrics: rubber fabrics, naturally elastic fabrics
86c-1/34 Reinforcing fabrics (horsehair weaving looms 86c-15)
86c-2 Belt fabrics (86c-14; of wire 86f, 47d-3, 47d-4)
86c-3/01 Hose and sack fabrics, temples for fabrics, multiple width fabrics
86c-3/05 Endless fabrics
86c-4 Fabrics for wheel tyres (63e-4)
86c-5 Fabrics with curvilinear warp threads 86c-6 Gobelin weaving
86c-7 Gauze and leno weaves: harnesses, reeds, standards and doups
Weaving looms and components, except 86c-2 – 86c-7 86c-8/01 Hand looms
86c-8/05 Darning apparatus, when means for shedding and weft insertion are provided (by
sewing, 52a-30; by adhesive bouching 3d-8/09)
86c-9 Semi-mechanical looms
86c-10/01 Ribbon looms, general batten drives and structures (ribbon loom shuttles 86g-8/01), processes
86c-10/02 Shuttle drives, stick shuttles, warp protectors, shuttle detectors
86c-10/05 Bobbin change
86c-10/10 Shedding devices, warp stop motions
86c-10/20 Fabric winding devices, warp tensioning devices, stripping devices
86c-11 Swivel looms
86c-12 Looms for simultaneous weaving of adjacent or superposed fabrics
86c-13/01 Listing [selvage] devices, edging-off devices, weft thread tensioning devices
86c-13/05 Devices for manufacturing of woven fringes: weft fringes, warp fringes, and loom- stranded fringes
86c-14/01 Weaving looms with picking up the thread from fixed bobbins
86c-14/05 Weft thread feeding, tensioning, measuring, and cutting devices
86c-14/10 Weft thread changing devices

86c-14/15	Devices for making closed edges
86c-15	Horsehair looms (horsehair weaves 86c-1/34)
86c-16/01	Circular mechanical looms
86c-16/02	Circular electric looms (86c-21/07)
86c-17	Weaving looms of special structure, excluding those in 86c-8/01 – 86c-16/02; vertical
	looms, loom frames double looms
00 40/04	Warp unwinding devices
86c-18/01	Positively driven warp beams
86c-18/10	Warp beam brakes
86c-18/11	Tensioning rollers, tensioning rods, back rest
86c-18/12	Warp beams, joining devices
86c-19	Fabric winding devices (regulators) devices for changing the number of picks (86c-20)
86c-20	Measuring and counting devices for looms
	Shuttle drives
86c-21/01	
	by picker sticks
86c-21/05	for stick shuttles and for positively driven shuttles (stick shuttles 86g-8/02)
86c-21/06	Pneumatic drives
86c-21/07	Electric drives (86c-16/02)
86c-21/08	by accelerating rolls
86c-21/10	Lay components
	Shuttle changing
86c-22/01	Drop box changing motions, swivel lay changing motions
86c-22/02	Circular [revolving] box changing motions
86c-22/05	Devices for separation of the weft threads
86c-23/01	Shuttle changing devices
86c-23/10	Shuttle changing devices Shuttle changing devices for circular box looms
80C-23/10	
	Weft bobbin changing devices
86c-24/01	with single colour supply
86c-24/05	with multiple colour supply
86c-24/10	Control and guidance of the thread ends during change
	Disengaging devices
86c-25/01	for shuttle changing devices
86c-25/02	for weft bobbin changing devices
86c-26/01	Loom drives and disengaging devices
86c-26/05	Weft finding devices
86c-26/06	Drives with eccentric gears or the like
86c-27/01	Loom lay arrangement
86c-27/02	Loom lay motion: drive rods, movable and adjustable reeds, weft beating-up devices,
	etc.
86c-27/10	Shuttle protectors, shuttle box swells
86c-27/11	Picker arm catches
86c-27/12	Picker checks
86c-28/01	Shuttle guard, knockoffs
86c-28/02	Shuttle adjustment for changing devices
86c-29	Reed ejectors
	Warp thread stop motions (warp guards 86g-8/05)
966 20/04	
86c-30/01	Mechanical, with hooks
86c-30/02	Electrical, with hooks
86c-30/10	Mechanical, in needle shaft, or combined with Jacquard harness

86c-30/15 86c-30/20	Electrical in needle or combined with Jacquard harness Of different types
96c 31/01	Weft control devices (weft motion shuttles 86g-8/10) Weft forks
86c-31/01 86c-31/02 86c-31/05 86c-31/10 86c-31/10 86c-31/15 86c-31/20 86c-31/25	Wire pick stop motion Mechanical bobbin feelers Differential feelers, feelers simultaneously for bobbins and shuttle Electric bobbin feelers Weft stop motions for multiple superposed shuttles Combined weft and warp stop motions Stop motions responsive to thin fabric areas
86c-32 86c-33 86c-34/01 86c-34/02	Weft thread cutting devices Cutting of the fabric on the loom (8f-8/01 – 8f-10/03) Finishing devices on the loom Wetting devices on the loom
86d	Pile, velvet, plush, and chenille weaving
86d-1 86d-2/01 86d-2/02 86d-2/04 86d-3 86d-4 86d-5 86d-6 86d-7/01 86d-7/02 86d-8/01 86d-8/02 86d-8/03 86d-9/01 86d-9/03 86d-10/01 86d-10/05 86d-10/10	Manufacturing of pile fabric Manufacturing of pile fabric with chenille filling, e.g. Axminster carpets Manufacturing of tufted pile fabric, e.g. knotted carpets, Royal Axminster carpets Bobbins for carpet knotting machines and tube carpet looms Manufacturing of chenille cloth or of flat chenille on the chenille cloth loom (86c-14; chenille cutting machines 8f-9/01) Manufacturing of warp pile fabrics Manufacturing of double warp pile fabrics Manufacturing of terry cloth [Turkish towelling] Manufacturing of warp pile fabrics with gauze-type interweave of the pile warp thread Manufacturing of warp pile fabrics with hook-drawn pile tufts Pile warp regulator Creel frames for pile weaving loom (76d-18; 86a-1/04) Pile thread stop motions (warp and weft stop motion 86c-30/01 – 86c-31/25) Velvet-cutting devices on looms (cutting of velvet outside the loom 8b-28) Cutting wires Pile weaving in general, except 86d-1 – 86d-9/03 Manufacture of fur imitations in the form of pile fabrics Weaving materials [yarns] for pile weaving
86e	Reed weaving, straw and wood weaving
86e-1 86e-2 86e-3	Reed weaving Straw weaving Wood weaving
86f	Wire weaving
86f-1 86f-2 86f-3 86f-4	Weaving processes, wire fabrics, connecting of the ends of wire fabrics Looms for fabrics with perpendicularly intersecting weft and warp wires Looms for fabrics with wires arranged at an angle to the longitudinal direction Looms with rotating heads
86g	Weaving tools and implements
86g-1 86g-2 86g-3/01	Reeds, manufacturing and cleaning (86c-7) Weaving heddles (7d-8; 86c-7) Heddle shafts (86c-7)

86g-3/05	Harness manufacturing
86g-4	Shaft motions, heddle levelling motions, heddle suspension devices
86g-5	Temples (86c-3/01)
86g-6	Shuttle deflectors
86g-7/01	Shuttles with fixed or oscillating spindle
86g-7/05	Shuttles without spindle: automatic loom shuttles, solid cop shuttles
86g-7/10	Weft thread tensioning devices in shuttles
86g-7/15	Weft bobbins and shuttle spindles
86g-7/20	Weft bobbins for shuttles with automatic shuttle change (automatic shuttles)
86g-8/01	Ribbon loom shuttles
86g-8/02	Stick and looping shuttles
86g-8/05	Warp stop motion shuttles
86g-8/10	Weft stop motion shuttles
86g-9/01	Shuttle with threading slot for automatic weft threading
86g-9/05	Auxiliary mechanical devices for threading of the weft, separately or combined with the shuttle
86g-9/10	Suction threading devices
86g-10	Pickers
86g-11	Auxiliary devices, mounted on or cooperating with the loom: adjusting devices for the beating up line, observation mirrors, lubricating devices, warp thread dividers, warp thread checking devices, removal of yarn waste from automatic loom bobbins, illumination
86g-12	Auxiliary devices separate from loom: devices for repairing and adjusting shuttles, warp beam frames, shuttle replenishing devices
86g-13	Hand knitting devices
86g-14	Miscellaneous
86h	Auxiliary machines for the weaving industry: pattern and card manufacturing, etc., reading-in devices, twisting and warp drawing-in devices
86h-1	Pattern manufacturing
86h-2	Jacquard and dobby cards, nap forming and removing
86h-3	Reading-in devices
86h-4/01	Mechanical card punching devices
86h-4/05	Electric card punching devices
86h-5	Card lacing machines
86h-6/01	Warp thread dividing
86h-6/02	Cross reading-in devices
86h-6/05	Twisting of warp threads
86h-6/10	Knotting of warp threads, (knotting devices for separate threads 86g-13)
86h-6/15	Binding of warp threads by other methods
86h-7	Devices for feeding the warp threads to the harness and reed: reeding machines, drawing tools; devices for the drawing of pile threads into bobbin frames
86h-8	Miscellaneous, e.g. reeling of threads from a fabric, checking of Jacquard cards, etc. (checking of strength of fabrics 42k-50; checking of density, optical thread counters 42h-34/07; checking tables 8f-3)