Symbol	Typ	Titel
A	**Sektion**	**SECTION A — HUMAN NECESSITIES**
A43	**Klasse**	**FOOTWEAR**
A43D	**Unterklasse**	**MACHINES, TOOLS, EQUIPMENT OR METHODS FOR MANUFACTURING OR REPAIRING FOOTWEAR [6]**
		Measuring devices; Lasts; Tools
A43D 1/00	**Hauptgruppe**	**Foot or last measuring devices; Measuring devices for shoe parts**
A43D 1/02	1-Punkt Untergruppe	. Foot-measuring devices (measuring the shape, pattern or size of the body for diagnostic purposes A61B 5/103, e.g. measuring physical dimensions A61B 5/107)
A43D 1/04	1-Punkt Untergruppe	. Last-measuring devices
A43D 1/06	1-Punkt Untergruppe	. Measuring devices for the inside measure of shoes, for the height of heels, or for the arrangement of heels
A43D 1/08	1-Punkt Untergruppe	. Measuring devices for shoe parts
A43D 3/00	**Hauptgruppe**	**Lasts**
A43D 3/02	1-Punkt Untergruppe	. Lasts for making or repairing shoes (making of wooden lasts B27M 3/20)
A43D 3/04	1-Punkt Untergruppe	. Pneumatic lasts; Elastic lasts
A43D 3/06	1-Punkt Untergruppe	. Wedge locks for lasts
A43D 3/08	1-Punkt Untergruppe	. Devices for stretching special parts of shoes
A43D 3/10	1-Punkt Untergruppe	. Devices for removing lasts
A43D 3/12	1-Punkt Untergruppe	. Devices for inserting or reinserting lasts
A43D 3/14	1-Punkt Untergruppe	. Stretching or spreading lasts; Boot-trees; Fillers; Devices for maintaining the shape of the shoe (drying of footwear A47L 23/20)
A43D 5/00	**Hauptgruppe**	**Hand appliances or hand tools for making or repairing shoes, other than those covered by groups A43D 15/00, A43D 19/00, A43D 95/00, A43D 100/00, A43D 117/00**
A43D 5/02	1-Punkt Untergruppe	. Stands for making footwear (stands for cleaning shoes A47L 23/16)
A43D 5/04	1-Punkt Untergruppe	. Knives (knives in general B26B)
A43D 5/06	1-Punkt Untergruppe	. Tools for cutting-off the ends of nails or pegs in shoes
A43D 5/08	1-Punkt Untergruppe	. Awls (making B21G)
A43D 5/10	1-Punkt Untergruppe	. Shoe-peg rasps (wood rasps B27G 17/06)
A43D 5/12	1-Punkt Untergruppe	. Hand nailing apparatus for shoemaking (A43D 19/02 takes precedence; nailing apparatus in general B25C, B27F)
A43D 5/14	2-Punkt Untergruppe	. . Hand pincers for stapling
A43D 8/00	**Hauptgruppe**	**Machines for cutting, ornamenting, marking or otherwise working up shoe part blanks (pulling-over or lasting A43D 9/00-A43D 23/00; making or fastening soles, heels or welts A43D 25/00-A43D 83/00) [3]**
A43D 8/02	1-Punkt Untergruppe	. Cutting-out (cutting in general B26D, B26F; of leather articles in general C14B 5/00) [3]
A43D 8/04	2-Punkt Untergruppe	. . Stamping-out (A43D 8/10 takes precedence) [3]
A43D 8/06	3-Punkt Untergruppe	. . . Dies therefor [3]

Symbol	Typ	Titel
A43D 8/08	3-Punkt Untergruppe	. . . Combined stamping-out and bonding, e.g. high frequency electric current being applied between cutting edge and work support [3]
A43D 8/10	2-Punkt Untergruppe	. . Cutting-out using pattern grading (for trimming A43D 8/38; pattern grading in making clothes A41H 3/00; pattern copying in general B23Q 33/00, B23Q 35/00) [3]
A43D 8/12	3-Punkt Untergruppe	. . . Patterns or templates therefor [3]
A43D 8/14	4-Punkt Untergruppe	. . . . Applying bindings to pattern edges [3]
A43D 8/16	1-Punkt Untergruppe	. Ornamentation (by creasing A43D 8/44; of leather in general C14B 1/56) [3]
A43D 8/18	2-Punkt Untergruppe	. . by punching or perforating (punching for eyelet-setting A43D 100/02) [3]
A43D 8/20	3-Punkt Untergruppe	. . . Dies therefor [3]
A43D 8/22	2-Punkt Untergruppe	. . by embossing or printing (printing in general, stamping B41) [3]
A43D 8/24	3-Punkt Untergruppe	. . . Embossing using heat, e.g. high frequency electric current [3]
A43D 8/26	1-Punkt Untergruppe	. Marking for future work (A43D 8/16 takes precedence; printing, stamping B41) [3]
A43D 8/28	2-Punkt Untergruppe	. . Patterns for drawing cut-outs (in making clothes A41H 3/00) [3]
A43D 8/30	2-Punkt Untergruppe	. . Charting sheet material for subsequent cutting [3]
A43D 8/32	1-Punkt Untergruppe	. Working on edges or margins (of leather in general C14B 1/02, C14B 11/00) [3]
A43D 8/34	2-Punkt Untergruppe	. . by skiving (A43D 8/48 takes precedence) [3]
A43D 8/36	2-Punkt Untergruppe	. . by trimming the margins of sole blanks (trimming as an intermediate operation in shoemaking A43D 27/00, as a finishing operation in shoemaking A43D 87/00) [3]
A43D 8/38	3-Punkt Untergruppe	. . . by cutting-out, e.g. using templates [3]
A43D 8/40	2-Punkt Untergruppe	. . by folding, turning in or over, hammering [3]
A43D 8/42	2-Punkt Untergruppe	. . by singeing, contracting, dyeing [3]
A43D 8/44	1-Punkt Untergruppe	. Creasing presses (folding on margins A43D 8/40) [3]
A43D 8/46	1-Punkt Untergruppe	. Splitting (of leather in general C14B 1/02) [3]
A43D 8/48	2-Punkt Untergruppe	. . combined with skiving [3]
A43D 8/50	2-Punkt Untergruppe	. . Combined splitting and trimming of the heel-seat portions of sole blanks (of soles fixed to shoe bottoms A43D 27/04) [3]
A43D 8/52	1-Punkt Untergruppe	. Flexing (of leather in general C14B) [3]
A43D 8/54	2-Punkt Untergruppe	. . by milling [3]
A43D 8/56	2-Punkt Untergruppe	. . of sole blanks by slitting [3]
		Pulling-over or lasting
A43D 9/00	**Hauptgruppe**	**Devices for binding the uppers upon the lasts (for the toe ends A43D 15/00)**
A43D 11/00	**Hauptgruppe**	**Machines for preliminary treatment or assembling of upper-parts, counters, or insoles on their lasts preparatory to the pulling-over or lasting operations; Applying or removing protective coverings**
A43D 11/01	1-Punkt Untergruppe	. Machines for applying or securing reinforcements or ornamental straps to uppers (to soles or insoles A43D 43/06) [3]
A43D 11/02	2-Punkt Untergruppe	. . to the margins thereof [3]

Symbol	Typ	Titel
A43D 11/03	2-Punkt Untergruppe	. . Coating with thermoplastic materials to stiffen the toe or heel portion [3]
A43D 11/04	1-Punkt Untergruppe	. Machines for seam-pressing or flattening shoe parts, quarters, or the like (on lasted shoes A43D 55/00)
A43D 11/06	1-Punkt Untergruppe	. Machines for temporary buttoning of shoe parts
A43D 11/08	1-Punkt Untergruppe	. Machines for temporary lacing of shoe parts or for cutting-away the lacing strips after lasting
A43D 11/10	1-Punkt Untergruppe	. Devices for holding the lacing portions in position during lasting
A43D 11/12	1-Punkt Untergruppe	. Machines for forming the toe part or heel part of shoes, with or without use of heat
A43D 11/14	1-Punkt Untergruppe	. Devices for treating shoe parts, e.g. stiffeners, with steam or liquid (for soled shoes A43D 95/12)
A43D 13/00	**Hauptgruppe**	**Machines for pulling-over the uppers when loosely laid upon the last and tacking the toe end**
A43D 13/02	1-Punkt Untergruppe	. Devices for locating caps or stiffeners on pulling-over machines
A43D 15/00	**Hauptgruppe**	**Pulling-over or lasting machines for binding the toe end with cord, string, or wire; Machines for lasting with clamps; Lasting machines with sewing devices, also for platform shoes (special sewing machines for leather or shoes D05B)**
A43D 17/00	**Hauptgruppe**	**Pulling-over or lasting machines with oscillating shoe supports**
A43D 19/00	**Hauptgruppe**	**Hand lasting; Lasting pincers**
A43D 19/02	1-Punkt Untergruppe	. Tacking or nailing devices for use with lasting pincers
A43D 21/00	**Hauptgruppe**	**Lasting machines**
A43D 21/02	1-Punkt Untergruppe	. with one single lasting gripper
A43D 21/04	1-Punkt Untergruppe	. for lasting the opposite sides of the shoe one after another
A43D 21/06	1-Punkt Untergruppe	. for wooden soles (A43D 21/16, A43D 21/18 take precedence)
A43D 21/08	1-Punkt Untergruppe	. with last supports and toe- or heel-embracing wipers movable both horizontally and vertically (A43D 21/16 takes precedence)
A43D 21/10	1-Punkt Untergruppe	. Bed-lasting machines
A43D 21/12	1-Punkt Untergruppe	. with lasting clamps, shoe-shaped clamps, wipers, stretching straps, or the like for forming the toe or heel parts on the last
A43D 21/14	1-Punkt Untergruppe	. for toe or heel parts, with nailing devices
A43D 21/16	1-Punkt Untergruppe	. with lasting pincers or toe- or heel-embracing wipers
A43D 21/18	1-Punkt Untergruppe	. with lasting pincers and straight-acting wipers, also for forming the shank portions of shoes
A43D 23/00	**Hauptgruppe**	**Single parts for pulling-over or lasting machines (nailing devices A43D 75/00)**
A43D 23/02	1-Punkt Untergruppe	. Wipers; Sole-pressers; Last-supports; Pincers
A43D 23/04	1-Punkt Untergruppe	. Last-carriers; Shoe-guides
A43D 23/06	1-Punkt Untergruppe	. Devices for cutting-off superfluous material on the uppers or linings
		Making or fastening soles, heels, or welts, or preparing same for fastening to the shoe; Carrying out other operations subsequent to lasting; Turning (sewing D05B)
A43D 25/00	**Hauptgruppe**	**Devices for gluing shoe parts**
A43D 25/047	1-Punkt Untergruppe	. Devices for lasting with adhesives or for gluing together insoles and uppers (A43D 25/18, A43D 25/20 take precedence) [3]
A43D 25/053	2-Punkt Untergruppe	. . with rotating gripping means [3]
A43D 25/06	1-Punkt Untergruppe	. Devices for gluing soles on shoe bottoms (A43D 25/18, A43D 25/20 take precedence) [3]

Symbol	Typ	Titel
A43D 25/07	2-Punkt Untergruppe	. . using flexible diaphragm pressing devices [3]
A43D 25/08	2-Punkt Untergruppe	. . Welt hold-down devices
A43D 25/10	2-Punkt Untergruppe	. . Press-pads or other supports of shoe-gluing presses
A43D 25/12	1-Punkt Untergruppe	. Devices for gluing heel-breasts to heels or for gluing coverings on heels (A43D 25/18, A43D 25/20 take precedence) [3]
A43D 25/14	1-Punkt Untergruppe	. Devices for filling the shoe bottom
A43D 25/16	1-Punkt Untergruppe	. Devices for making glued platform shoes
A43D 25/18	1-Punkt Untergruppe	. Devices for applying adhesives to shoe parts (A43D 25/20 takes precedence; applying liquids or other fluent materials to surfaces in general B05) [3]
A43D 25/20	1-Punkt Untergruppe	. Arrangements for activating or for accelerating setting of adhesives, e.g. by using heat [3]
A43D 27/00	**Hauptgruppe**	**Machines for trimming as an intermediate operation (working on edges or margins, e.g. by trimming, of shoe part blanks A43D 8/32; trimming as a finishing operation in shoemaking A43D 87/00)**
A43D 27/02	1-Punkt Untergruppe	. Soles or heels fixed on shoe bottoms
A43D 27/04	2-Punkt Untergruppe	. . Heel-end portions of soles [3]
A43D 27/06	2-Punkt Untergruppe	. . Heel breast flaps [3]
A43D 29/00	**Hauptgruppe**	**Machines for making soles from strips of material**
A43D 31/00	**Hauptgruppe**	**Machines for making or inserting shank stiffeners**
A43D 31/02	1-Punkt Untergruppe	. Machines for making shank stiffeners
A43D 31/04	1-Punkt Untergruppe	. Machines for inserting shank stiffeners
A43D 33/00	**Hauptgruppe**	**Machines for assembling lifts for heels (cutting-out heel lifts A43D 8/02)**
A43D 33/02	1-Punkt Untergruppe	. Gauges for heel lifts; Magazines for piling up heel lifts
A43D 33/04	1-Punkt Untergruppe	. Nailing machines for building the heels from lifts
A43D 33/06	1-Punkt Untergruppe	. Machines for sorting heel lifts
A43D 35/00	**Hauptgruppe**	**Presses for shaping pre-existing loose soles, shoe bottoms, or soles fixed to shoe bottoms (gluing soles on shoe bottoms A43D 25/06)**
A43D 37/00	**Hauptgruppe**	**Machines for roughening soles or other shoe parts preparatory to gluing**
A43D 39/00	**Hauptgruppe**	**Machines for making foot-supporting pads or instep-raisers for flat feet**
A43D 43/00	**Hauptgruppe**	**Machines for making stitch lips, or other preparatory treatment of soles or insoles before fixing same (flexing of soles or insoles A43D 8/52)**
A43D 43/02	1-Punkt Untergruppe	. for making stitch lips by cutting
A43D 43/06	1-Punkt Untergruppe	. for applying reinforcing materials to insoles; Attachment of ornamental tapes or ribs, e.g. sewing ribs, on soles, or the like
A43D 44/00	**Hauptgruppe**	**Machines for attaching welts or rands**
A43D 47/00	**Hauptgruppe**	**Machines for trimming or butting welts fixed on uppers**
A43D 49/00	**Hauptgruppe**	**Machines for pounding**
A43D 51/00	**Hauptgruppe**	**Machines for lip-setting**
A43D 53/00	**Hauptgruppe**	**Machines for trimming-off surplus material along the inseam**
A43D 55/00	**Hauptgruppe**	**Machines for flattening, pressing, or rubbing the inseams of lasted shoes**
A43D 57/00	**Hauptgruppe**	**Machines for attaching the welt ends**
A43D 59/00	**Hauptgruppe**	**Machines for rasping the lasting-margins of shoes which are sewn through**

Symbol	Typ	Titel
A43D 61/00	**Hauptgruppe**	**Machines for nail-pulling, nail-cutting, or nail-detecting**
A43D 63/00	**Hauptgruppe**	**Machines for carrying out other finishing operations**
A43D 67/00	**Hauptgruppe**	**Machines for fastening soles or heels by means of screws or screwed wire**
A43D 69/00	**Hauptgruppe**	**Shoe-nailing machines (nailing machines in general B27F)**
A43D 69/02	1-Punkt Untergruppe	. using ready-made nails
A43D 69/04	1-Punkt Untergruppe	. with apparatus for separating the nails from a wire or from a strip of metal or other material
A43D 69/06	1-Punkt Untergruppe	. using ready-made staples
A43D 69/08	1-Punkt Untergruppe	. with apparatus for making staples
A43D 69/10	1-Punkt Untergruppe	. using ready-made wooden pegs
A43D 69/12	1-Punkt Untergruppe	. with apparatus for separating the pegs from a strip of wood
A43D 69/14	1-Punkt Untergruppe	. for nailing or stapling the lasted margin on to shoes with wooden soles
A43D 71/00	**Hauptgruppe**	**Elements of nailing machines; Nail-feeding devices**
A43D 71/02	1-Punkt Untergruppe	. Driving mechanisms for moving the horn; Nail-cutting apparatus connected with the horn
A43D 75/00	**Hauptgruppe**	**Nailing devices on pulling-over or lasting machines**
A43D 79/00	**Hauptgruppe**	**Combined heel-pressing and nailing machines**
A43D 81/00	**Hauptgruppe**	**Machines for attaching top-lifts**
A43D 83/00	**Hauptgruppe**	**Heel-presses without nailing apparatus; Machines for pressing single lifts or punching holes for nailing**
A43D 85/00	**Hauptgruppe**	**Machines or apparatus for turning, e.g. for making turn-shoes**
A43D 86/00	**Hauptgruppe**	**Machines for assembling soles or heels onto uppers, not provided for in groups A43D 25/00-A43D 83/00, e.g. by welding [6]**
		Performing finishing operations upon uppers, soles, or heels on soled shoes; Making shoe appurtenances
A43D 87/00	**Hauptgruppe**	**Edge or heel cutters; Machines for trimming the heel breast (trimming machines for wooden heels B27M; copying machines B44B)**
A43D 89/00	**Hauptgruppe**	**Sole-levelling machines with rolls**
A43D 91/00	**Hauptgruppe**	**Stitch-separating or seam-indenting machines**
A43D 93/00	**Hauptgruppe**	**Edge-indenting machines**
A43D 95/00	**Hauptgruppe**	**Shoe-finishing machines**
A43D 95/02	1-Punkt Untergruppe	. Machines for treating or smoothing shoe uppers to remove wrinkles, folds, or the like
A43D 95/04	1-Punkt Untergruppe	. Machines for laying channel-flaps
A43D 95/06	1-Punkt Untergruppe	. Machines for colouring or chemical treatment; Ornamenting the sole bottoms (burnishing A43D 95/20)
A43D 95/08	1-Punkt Untergruppe	. Machines or tools for scouring, abrading, or finishing, with or without dust-separating (suction cleaners for removing dust A47L 5/00; domestic cleaning of footwear A47L 23/00)
A43D 95/10	1-Punkt Untergruppe	. Drying or heating devices for shoes
A43D 95/12	1-Punkt Untergruppe	. Devices for conditioning, tempering, or moistening (preparatory to pulling-over or lasting A43D 11/14)
A43D 95/14	1-Punkt Untergruppe	. incorporating marking, printing, or embossing apparatus (ornamentation of shoe part blanks A43D 8/16; printing per se, stamping per seB41)
A43D 95/16	1-Punkt Untergruppe	. Burnishing tools for shoemaking (in general B24D)
A43D 95/18	2-Punkt Untergruppe	. . Devices for heating the burnishing tools for shoemaking

Symbol	Typ	Titel
A43D 95/20	1-Punkt Untergruppe	. Machines for burnishing soles or heels
A43D 95/22	1-Punkt Untergruppe	. Machines for burnishing the edges of soles, with or without devices for edge-indenting
A43D 95/24	1-Punkt Untergruppe	. Machines for buffing soles
A43D 95/26	1-Punkt Untergruppe	. Devices for applying wax
A43D 95/28	1-Punkt Untergruppe	. Machines for attaching protectors to soles or heels
A43D 97/00	**Hauptgruppe**	**Machines for making pulling-on pieces**
A43D 98/00	***Hauptgruppe***	***Machines for making laces (of leather C14B ; braidings in general D04C) ; Applying fibre or celluloid to ends of laces (making tags from metal sheet B21D ; from wire B21F) [2006.01]***
A43D 99/00	Gelöscht	(transferred to A43D 98/00)
A43D 100/00	**Hauptgruppe**	**Setting or removing eyelets, buttons, lacing-hooks, or elastic gussets in shoes**
A43D 100/02	1-Punkt Untergruppe	. Punching and eyelet-setting machines or tools (for garments in general A41H 37/02)
A43D 100/04	2-Punkt Untergruppe	. . inserting invisible eyelets
A43D 100/06	2-Punkt Untergruppe	. . inserting two eyelets simultaneously
A43D 100/08	1-Punkt Untergruppe	. Setting buttons on footwear (for garments A41H 37/00)
A43D 100/10	1-Punkt Untergruppe	. Machines or tools for setting lacing-hooks in shoes
A43D 100/12	1-Punkt Untergruppe	. Machines for inserting elastic gussets in shoes
A43D 100/14	1-Punkt Untergruppe	. Devices for removing buttons, lacing-hooks, or the like from shoes
		Other mechanisms for shoemaking or repairing
A43D 111/00	**Hauptgruppe**	**Shoe machines with conveyers for jacked shoes**
A43D 113/00	**Hauptgruppe**	**Machines for making shoes with out-turned flanges of the uppers or for making moccasins**
A43D 115/00	**Hauptgruppe**	**Machines for skiving or removing heel lifts, heels, or soles, or for removing stitches, preparatory to repair**
A43D 117/00	**Hauptgruppe**	**Racks for receiving or transporting shoes or shoe parts; Other conveying means**
A43D 119/00	**Hauptgruppe**	**Driving or controlling mechanisms of shoe machines; Frames for shoe machines**
A43D 999/00	***Hauptgruppe***	***Subject matter not provided for in other groups of this subclass [2006.01]***