

Symbol	Typ	Titel
D	Sektion	SECTION D — TEXTILES; PAPER
D04	Klasse	BRAIDING; LACE-MAKING; KNITTING; TRIMMINGS; NON-WOVEN FABRICS
D04B	Unterklasse	KNITTING
		<u>Weft knitting; Machines therefor</u>
D04B 1/00	Hauptgruppe	Weft knitting processes for the production of fabrics or articles not dependent on the use of particular machines; Fabrics or articles defined by such processes
D04B 1/02	1-Punkt Untergruppe	. Pile fabrics or articles having similar surface features
D04B 1/04	2-Punkt Untergruppe	. . characterised by thread material
D04B 1/06	1-Punkt Untergruppe	. Non-run fabrics or articles
D04B 1/08	2-Punkt Untergruppe	. . characterised by thread material
D04B 1/10	1-Punkt Untergruppe	. Patterned fabrics or articles
D04B 1/12	2-Punkt Untergruppe	. . characterised by thread material
D04B 1/14	1-Punkt Untergruppe	. Other fabrics or articles characterised primarily by the use of particular thread materials
D04B 1/16	2-Punkt Untergruppe	. . synthetic threads
D04B 1/18	2-Punkt Untergruppe	. . elastic threads
D04B 1/20	3-Punkt Untergruppe	. . . crimped threads
D04B 1/22	1-Punkt Untergruppe	. specially adapted for knitting goods of particular configuration
D04B 1/24	2-Punkt Untergruppe	. . wearing apparel
D04B 1/26	3-Punkt Untergruppe	. . . stockings
D04B 1/28	3-Punkt Untergruppe	. . . gloves
D04B 3/00	Hauptgruppe	Hand tools or implements
D04B 3/02	1-Punkt Untergruppe	. Needles
D04B 3/04	1-Punkt Untergruppe	. Finger protectors; Thread tensioners
D04B 3/06	1-Punkt Untergruppe	. Ball holders or receptacles
D04B 5/00	Hauptgruppe	Knitting apparatus or machines without needles for domestic use (with needles D04B 7/08)
D04B 7/00	Hauptgruppe	Flat-bed knitting machines with independently-movable needles (straight-bar machines with fixed needles D04B 11/00)
D04B 7/02	1-Punkt Untergruppe	. with one set of needles
D04B 7/04	1-Punkt Untergruppe	. with two sets of needles
D04B 7/06	2-Punkt Untergruppe	. . for purl work or Links-Links loop formation
D04B 7/08	1-Punkt Untergruppe	. for domestic use
D04B 7/10	1-Punkt Untergruppe	. with provision for narrowing or widening to produce fully-fashioned goods
D04B 7/12	1-Punkt Untergruppe	. with provision for incorporating pile threads
D04B 7/14	1-Punkt Untergruppe	. with provision for incorporating internal threads in laid-in fabrics

Symbol	Typ	Titel
D04B 7/16	1-Punkt Untergruppe	. for producing fabrics consisting of, or incorporating, elastic threads
D04B 7/18	2-Punkt Untergruppe	. . incorporated as weft or inlaid threads
D04B 7/20	1-Punkt Untergruppe	. with provision for changing the fabric construction, e.g. from plain to rib-loop fabric
D04B 7/22	1-Punkt Untergruppe	. with special provision for commencing goods, e.g. with non-run edges
D04B 7/24	1-Punkt Untergruppe	. for producing patterned fabrics
D04B 7/26	2-Punkt Untergruppe	. . with colour patterns
D04B 7/28	2-Punkt Untergruppe	. . with stitch patterns
D04B 7/30	1-Punkt Untergruppe	. specially adapted for knitting goods of particular configuration
D04B 7/32	2-Punkt Untergruppe	. . tubular goods
D04B 7/34	3-Punkt Untergruppe	. . . gloves
D04B 9/00	Hauptgruppe	Circular knitting machines with independently-movable needles (with fixed spring or bearded needles D04B 13/00)
D04B 9/02	1-Punkt Untergruppe	. with one set of needles
D04B 9/04	2-Punkt Untergruppe	. . with spring or bearded needles
D04B 9/06	1-Punkt Untergruppe	. with needle cylinder and dial for ribbed goods
D04B 9/08	2-Punkt Untergruppe	. . for interlock goods
D04B 9/10	1-Punkt Untergruppe	. with two needle cylinders for purl work or for Links-Links loop formation
D04B 9/12	1-Punkt Untergruppe	. with provision for incorporating pile threads
D04B 9/14	1-Punkt Untergruppe	. with provision for incorporating loose fibres, e.g. in high-pile fabrics
D04B 9/16	1-Punkt Untergruppe	. with provision for incorporating internal threads in laid-in fabrics
D04B 9/18	1-Punkt Untergruppe	. with provision for splicing by incorporating reinforcing threads
D04B 9/20	1-Punkt Untergruppe	. with provision for narrowing or widening; with reciprocatory action, e.g. for knitting of flat portions
D04B 9/22	1-Punkt Untergruppe	. with provision for changing the fabric construction, e.g. from plain to rib-loop fabric
D04B 9/24	1-Punkt Untergruppe	. with special provision for commencing goods, e.g. with non-run edges
D04B 9/26	1-Punkt Untergruppe	. for producing patterned fabrics
D04B 9/28	2-Punkt Untergruppe	. . with colour patterns
D04B 9/30	3-Punkt Untergruppe	. . . by striping
D04B 9/32	4-Punkt Untergruppe	 by wrap striping
D04B 9/34	3-Punkt Untergruppe	. . . by plating
D04B 9/36	3-Punkt Untergruppe	. . . Intarsia work obtained by reciprocatory action
D04B 9/38	2-Punkt Untergruppe	. . with stitch patterns
D04B 9/40	1-Punkt Untergruppe	. with provision for transfer of knitted goods from one machine to another
D04B 9/42	1-Punkt Untergruppe	. specially adapted for producing goods of particular configuration

Symbol	Typ	Titel
D04B 9/44	2-Punkt Untergruppe	. . elongated tubular articles of small diameter, e.g. coverings for cables (sheathing electric cables H01B 13/22)
D04B 9/46	2-Punkt Untergruppe	. . stockings, or portions thereof
D04B 9/48	3-Punkt Untergruppe	. . . non-run stockings
D04B 9/50	4-Punkt Untergruppe	 micromesh stockings
D04B 9/52	3-Punkt Untergruppe	. . . surgical stockings
D04B 9/54	3-Punkt Untergruppe	. . . welts, e.g. double or turned welts
D04B 9/56	3-Punkt Untergruppe	. . . heel or toe portions
D04B 9/58	2-Punkt Untergruppe	. . gloves
D04B 11/00	Hauptgruppe	Straight-bar knitting machines with fixed needles (flat-bed machines with independently-movable needles D04B 7/00)
D04B 11/02	1-Punkt Untergruppe	. with one set of needles
D04B 11/04	1-Punkt Untergruppe	. with two sets of needles
D04B 11/06	1-Punkt Untergruppe	. with provision for narrowing or widening to produce fully-fashioned goods
D04B 11/08	1-Punkt Untergruppe	. with provision for incorporating pile threads
D04B 11/10	1-Punkt Untergruppe	. with provision for incorporating internal threads in laid-in fabrics
D04B 11/12	1-Punkt Untergruppe	. for producing fabrics from, or incorporating, elastic threads
D04B 11/14	1-Punkt Untergruppe	. with provision for changing the fabric construction, e.g. from plain to rib-loop fabric
D04B 11/16	1-Punkt Untergruppe	. with special provision for commencing goods, e.g. with non-run edges
D04B 11/18	1-Punkt Untergruppe	. for producing patterned fabrics
D04B 11/20	2-Punkt Untergruppe	. . with colour patterns
D04B 11/22	2-Punkt Untergruppe	. . with stitch patterns
D04B 11/24	1-Punkt Untergruppe	. with provision for transfer of knitted goods from one machine to another
D04B 11/26	1-Punkt Untergruppe	. specially adapted for producing goods of particular configuration
D04B 11/28	2-Punkt Untergruppe	. . stockings, or portions thereof
D04B 11/30	3-Punkt Untergruppe	. . . non-run stockings
D04B 11/32	3-Punkt Untergruppe	. . . welts, e.g. double or turned welts
D04B 11/34	3-Punkt Untergruppe	. . . heel or toe portions
D04B 11/36	2-Punkt Untergruppe	. . other wearing apparel
D04B 13/00	Hauptgruppe	Circular knitting machines with fixed spring or bearded needles, e.g. loop-wheel machines (with independently-movable needles D04B 9/00)
D04B 13/02	1-Punkt Untergruppe	. with horizontal needles
D04B 15/00	Hauptgruppe	Details of, or auxiliary devices incorporated in, weft knitting machines, restricted to machines of this kind (details or auxiliary devices not so restricted D04B 35/00)
D04B 15/02	1-Punkt Untergruppe	. Loop-transfer points

Symbol	Typ	Titel
D04B 15/04	2-Punkt Untergruppe	. . for straight-bar knitting machines
D04B 15/06	1-Punkt Untergruppe	. Sinkers
D04B 15/08	1-Punkt Untergruppe	. Needle latch openers; Brushes
D04B 15/10	1-Punkt Untergruppe	. Needle beds
D04B 15/12	2-Punkt Untergruppe	. . Shogging devices therefor
D04B 15/14	1-Punkt Untergruppe	. Needle cylinders
D04B 15/16	2-Punkt Untergruppe	. . Driving devices for reciprocatory action
D04B 15/18	1-Punkt Untergruppe	. Dials
D04B 15/20	1-Punkt Untergruppe	. Needle bars
D04B 15/22	2-Punkt Untergruppe	. . Driving devices therefor
D04B 15/24	1-Punkt Untergruppe	. Sinker heads; Sinker bars
D04B 15/26	1-Punkt Untergruppe	. Slurcocks
D04B 15/28	1-Punkt Untergruppe	. Needle pressers
D04B 15/30	1-Punkt Untergruppe	. Driving devices for thread-carrier rods
D04B 15/32	1-Punkt Untergruppe	. Cam systems or assemblies for operating knitting instruments
D04B 15/34	2-Punkt Untergruppe	. . for dials
D04B 15/36	2-Punkt Untergruppe	. . for flat-bed knitting machines
D04B 15/38	1-Punkt Untergruppe	. Devices for supplying, feeding, or guiding threads to needles
D04B 15/40	2-Punkt Untergruppe	. . Holders or supports for thread packages
D04B 15/42	3-Punkt Untergruppe	. . . Frames for assemblies of two or more reels
D04B 15/44	2-Punkt Untergruppe	. . Tensioning devices for individual threads
D04B 15/46	3-Punkt Untergruppe	. . . for elastic threads
D04B 15/48	2-Punkt Untergruppe	. . Thread-feeding devices
D04B 15/50	3-Punkt Untergruppe	. . . for elastic threads
D04B 15/52	3-Punkt Untergruppe	. . . for straight-bar knitting machines
D04B 15/54	2-Punkt Untergruppe	. . Thread guides
D04B 15/56	3-Punkt Untergruppe	. . . for flat-bed knitting machines
D04B 15/58	3-Punkt Untergruppe	. . . for circular knitting machines; Thread-changing devices
D04B 15/60	4-Punkt Untergruppe	 with thread-clamping or -severing devices
D04B 15/61	5-Punkt Untergruppe	 arranged within needle circle
D04B 15/62	4-Punkt Untergruppe	 with thread knotters
D04B 15/64	3-Punkt Untergruppe	. . . for straight-bar knitting machines

Symbol	Typ	Titel
D04B 15/66	1-Punkt Untergruppe	. Devices for determining or controlling patterns
D04B 15/68	2-Punkt Untergruppe	. . characterised by the knitting instruments used
D04B 15/70	3-Punkt Untergruppe	. . . in flat-bed knitting machines
D04B 15/72	3-Punkt Untergruppe	. . . in straight-bar knitting machines
D04B 15/74	3-Punkt Untergruppe	. . . Pattern drums
D04B 15/76	3-Punkt Untergruppe	. . . Pattern wheels
D04B 15/78	3-Punkt Untergruppe	. . . Electrical devices
D04B 15/80	2-Punkt Untergruppe	. . characterised by the thread guides used
D04B 15/82	2-Punkt Untergruppe	. . characterised by the needle cams used
D04B 15/84	2-Punkt Untergruppe	. . Jacquard cards or mechanisms (stamping apparatus therefor D03C)
D04B 15/86	3-Punkt Untergruppe	. . . in flat-bed knitting machines
D04B 15/88	1-Punkt Untergruppe	. Take-up or draw-off devices for knitting products
D04B 15/90	2-Punkt Untergruppe	. . for flat-bed knitting machines
D04B 15/92	2-Punkt Untergruppe	. . pneumatic
D04B 15/94	1-Punkt Untergruppe	. Driving-gear not otherwise provided for
D04B 15/96	2-Punkt Untergruppe	. . in flat-bed knitting machines
D04B 15/98	2-Punkt Untergruppe	. . in straight-bar knitting machines
D04B 15/99	2-Punkt Untergruppe	. . electrically controlled
		<u>Repairing or unravelling knitted fabrics</u>
D04B 17/00	Hauptgruppe	Repairing knitted fabrics by knitting operations
D04B 17/02	1-Punkt Untergruppe	. by darning
D04B 17/04	1-Punkt Untergruppe	. by picking-up dropped stitches
D04B 19/00	Hauptgruppe	Unravelling knitted fabrics
		<u>Warp knitting; Machines therefor</u>
D04B 21/00	Hauptgruppe	Warp knitting processes for the production of fabrics or articles not dependent on the use of particular machines; Fabrics or articles defined by such processes
D04B 21/02	1-Punkt Untergruppe	. Pile fabrics or articles having similar surface features
D04B 21/04	2-Punkt Untergruppe	. . characterised by thread material
D04B 21/06	1-Punkt Untergruppe	. Patterned fabrics or articles (open-work fabrics D04B 21/10)
D04B 21/08	2-Punkt Untergruppe	. . characterised by thread material
D04B 21/10	1-Punkt Untergruppe	. Open-work fabrics
D04B 21/12	2-Punkt Untergruppe	. . characterised by thread material
D04B 21/14	1-Punkt Untergruppe	. Fabrics characterised by the incorporation by knitting, in one or more thread, fleece, or fabric layers, of reinforcing, binding, or decorative threads; Fabrics incorporating small auxiliary elements, e.g. for decorative purposes (pile fabrics D04B 21/02; non-woven fabrics in general D04H)

Symbol	Typ	Titel
D04B 21/16	2-Punkt Untergruppe	. . incorporating synthetic threads
D04B 21/18	2-Punkt Untergruppe	. . incorporating elastic threads
D04B 21/20	1-Punkt Untergruppe	. specially adapted for knitting articles of particular configuration
D04B 23/00	Hauptgruppe	Flat warp knitting machines
D04B 23/02	1-Punkt Untergruppe	. with two sets of needles
D04B 23/04	1-Punkt Untergruppe	. with independently-movable knitting needles
D04B 23/06	1-Punkt Untergruppe	. for producing fabrics consisting of, or incorporating, elastic threads
D04B 23/08	1-Punkt Untergruppe	. with provision for incorporating pile threads
D04B 23/10	1-Punkt Untergruppe	. for knitting through thread, fleece, or fabric layers, or around elongated core material
D04B 23/12	1-Punkt Untergruppe	. with provision for incorporating unlooped wefts extending from selvedge to selvedge
D04B 23/14	1-Punkt Untergruppe	. with provision for incorporating small auxiliary elements, e.g. for decorative purposes
D04B 23/16	1-Punkt Untergruppe	. specially adapted for producing fabrics, or article blanks, of particular form or configuration
D04B 23/18	2-Punkt Untergruppe	. . with provision for narrowing or widening
D04B 23/20	2-Punkt Untergruppe	. . for producing stocking blanks
D04B 23/22	1-Punkt Untergruppe	. with special thread-guiding means
D04B 23/24	1-Punkt Untergruppe	. with cut needle presser arrangements to produce patterns
D04B 25/00	Hauptgruppe	Warp knitting machines not otherwise provided for
D04B 25/02	1-Punkt Untergruppe	. Tubular machines
D04B 25/04	1-Punkt Untergruppe	. Milanese machines
D04B 25/06	1-Punkt Untergruppe	. Galloon crocheting machines
D04B 25/08	2-Punkt Untergruppe	. . for producing pile fabrics
D04B 25/10	2-Punkt Untergruppe	. . for producing patterned fabrics
D04B 25/12	3-Punkt Untergruppe	. . . with independently-movable weft-thread guides controlled by Jacquard mechanisms
D04B 25/14	2-Punkt Untergruppe	. . specially adapted for producing articles of particular configuration
D04B 27/00	Hauptgruppe	Details of, or auxiliary devices incorporated in, warp knitting machines, restricted to machines of this kind (details or auxiliary devices not so restricted D04B 35/00)
D04B 27/02	1-Punkt Untergruppe	. Warp-thread guides
D04B 27/04	1-Punkt Untergruppe	. Sinkers
D04B 27/06	1-Punkt Untergruppe	. Needle bars; Sinker bars
D04B 27/08	2-Punkt Untergruppe	. . Driving devices therefor
D04B 27/10	1-Punkt Untergruppe	. Devices for supplying, feeding, or guiding threads to needles
D04B 27/12	2-Punkt Untergruppe	. . Tensioning devices for individual threads
D04B 27/14	2-Punkt Untergruppe	. . Thread tensioning rod arrangements

Symbol	Typ	Titel
D04B 27/16	2-Punkt Untergruppe	. . Warp beams; Bearings therefor
D04B 27/18	3-Punkt Untergruppe	. . . Warp beam braking devices for thread tensioning
D04B 27/20	3-Punkt Untergruppe	. . . Warp beam driving devices
D04B 27/22	4-Punkt Untergruppe	 electrically controlled
D04B 27/24	2-Punkt Untergruppe	. . Thread guide bar assemblies
D04B 27/26	3-Punkt Untergruppe	. . . Shogging devices therefor
D04B 27/28	4-Punkt Untergruppe	 with arrangements to reduce the number of members of pattern chains
D04B 27/30	4-Punkt Untergruppe	 with driving-gear comprising force-multiplication devices
D04B 27/32	3-Punkt Untergruppe	. . . with independently-movable thread guides controlled by Jacquard mechanisms
D04B 27/34	1-Punkt Untergruppe	. Take-up or draw-off devices for knitted products
D04B 27/36	2-Punkt Untergruppe	. . with temples
<u>Crocheting; Apparatus therefor (galloon crocheting machines for warp knitting D04B 25/06)</u>		
D04B 31/00	Hauptgruppe	Crocheting processes for the production of fabrics or articles
D04B 31/02	1-Punkt Untergruppe	. Crocheted strips or threads
D04B 33/00	Hauptgruppe	Crocheting tools or apparatus
D04B 35/00	Hauptgruppe	Details of, or auxiliary devices incorporated in, knitting machines, not otherwise provided for
D04B 35/02	1-Punkt Untergruppe	. Knitting tools or instruments not provided for in group D04B 15/00 or D04B 27/00 (needle manufacture B21G 1/00)
D04B 35/04	2-Punkt Untergruppe	. . Latch needles
D04B 35/06	2-Punkt Untergruppe	. . Sliding-tongue needles
D04B 35/08	2-Punkt Untergruppe	. . Spring or bearded needles
D04B 35/10	1-Punkt Untergruppe	. Indicating, warning, or safety devices, e.g. stop motions
D04B 35/12	2-Punkt Untergruppe	. . responsive to thread consumption
D04B 35/14	2-Punkt Untergruppe	. . responsive to thread breakage
D04B 35/16	3-Punkt Untergruppe	. . . with detectors associated with a series of threads
D04B 35/18	2-Punkt Untergruppe	. . responsive to breakage, misplacement, or malfunctioning of knitting instruments
D04B 35/20	2-Punkt Untergruppe	. . responsive to defects, e.g. holes in knitted products
D04B 35/22	1-Punkt Untergruppe	. Devices for preparatory treatment of threads
D04B 35/24	2-Punkt Untergruppe	. . by moistening or lubricating
D04B 35/26	2-Punkt Untergruppe	. . by heating
D04B 35/28	1-Punkt Untergruppe	. Devices for lubricating machine parts (in general F16N)
D04B 35/30	1-Punkt Untergruppe	. Devices for controlling temperature of machine parts
D04B 35/32	1-Punkt Untergruppe	. Devices for removing lint or fluff
D04B 35/34	1-Punkt Untergruppe	. Devices for cutting knitted fabrics

Symbol	Typ	Titel
D04B 35/36	1-Punkt Untergruppe	. Devices for printing, coating, or napping knitted fabrics
D04B 37/00	Hauptgruppe	Auxiliary apparatus or devices for use with knitting machines (Jacquard cards, pattern chains, apparatus for punching same D03C)
D04B 37/02	1-Punkt Untergruppe	. with weft knitting machines
D04B 37/04	2-Punkt Untergruppe	. . for inserting or adjusting pattern pins or like elements in pattern drums or wheels
D04B 37/06	1-Punkt Untergruppe	. with warp knitting machines
D04B 39/00	Hauptgruppe	Knitting processes, apparatus or machines, not otherwise provided for
D04B 39/02	1-Punkt Untergruppe	. with work carrier in screw form
D04B 39/04	1-Punkt Untergruppe	. adapted for combined weft and warp knitting
D04B 39/06	1-Punkt Untergruppe	. adapted for combined knitting and weaving
D04B 39/08	1-Punkt Untergruppe	. Sewing machines modified for knitting