

ECLA **EUROPEAN CLASSIFICATION**

D **TEXTILES; PAPER**

SUBSECTION: Textiles or flexible materials not otherwise provided for

D01 **NATURAL OR ARTIFICIAL THREADS OR FIBRES;
SPINNING** (metal threads B21; fibres or filaments of softened glass, minerals, or slag [C03B37/00](#); yarns D02)

Note

In this class, the following terms are used with the meanings indicated:

- "fibre" means a relatively-short, elongated member of natural or artificial material
- "filament" means an endless or quasi-endless, elongated member of natural or artificial material
- "yarn" means a unitary assembly of fibres, usually produced by spinning
- "thread" means an assembly of yarns or filaments, usually produced by twisting

D01B **MECHANICAL TREATMENT OF NATURAL FIBROUS OR
FILAMENTARY MATERIAL TO OBTAIN FIBRES OF FILAMENTS, e.g.
FOR SPINNING** (crude extraction of asbestos fibres from ores [B03B](#); apparatus for retting [D01C](#))

D01C **CHEMICAL TREATMENT OF NATURAL FILAMENTARY OR FIBROUS
MATERIAL TO OBTAIN FILAMENTS OR FIBRES FOR SPINNING;
CARBONISING RAGS TO RECOVER ANIMAL FIBRES**

D01D **MECHANICAL METHODS OR APPARATUS IN THE MANUFACTURE
OF ARTIFICIAL FILAMENTS, THREADS, FIBRES, BRISTLES OR
RIBBONS**

D01F **CHEMICAL FEATURES IN THE MANUFACTURE OF ARTIFICIAL
FILAMENTS, THREADS, FIBRES, BRISTLES OR RIBBONS;
APPARATUS SPECIALLY ADAPTED FOR THE MANUFACTURE OF
CARBON FILAMENTS**

D01G **PRELIMINARY TREATMENT OF FIBRES, e.g. FOR SPINNING
(winding or unwinding, conducting or guiding laps, webs, slivers or
rovings in general, sliver or roving cans, depositing in sliver or
roving cabs B65H; preparation of fibres for paper-making D21)**

D01H	SPINNING OR TWISTING (unwinding, paying-out, forwarding, winding or coiling filamentary material not intimately associated with spinning or twisting B65H; cores, formers, supports or holders for coiled or wound material, e.g. bobbins B65H; twisting oakum D01G35/00 ; crimping or curling of fibres, filaments or yarns D02G1/00 ; making chenille D03D, D04D3/00 ; testing yarns, rovings, slivers, fibres, or fibre webs G01)
D02	YARNS; MECHANICAL FINISHING OF YARNS OR ROPES; WARPING OR BEAMING
	<p>Note In this class, the following terms are used with the meanings indicated:</p> <ul style="list-style-type: none"> - "fibre" means a relatively-short, elongated member of natural or artificial material; - "filament" means an endless or quasi-endless, elongated member of natural or artificial material; - "yarn" means a unitary assembly of fibres, usually produced by spinning; - "thread" means an assembly of yarns or filaments, usually produced by twisting.
D02G	CRIMPING OR CURLING FIBRES, FILAMENTS, THREADS, OR YARNS; YARNS OR THREADS
D02H	WARPING, BEAMING OR LEASING
D02J	FINISHING OR DRESSING OF FILAMENTS, YARNS, THREADS, CORDS, ROPES OR THE LIKE (curling or crimping D02G ; by treatment with liquids, gases or vapours D06B ; finishing other than by liquid treatment, of yarns in warp or sheet form D06C ; for chemical matters, see D06L , D06M , D06P , D06Q ; treatment during rope-making, apparatus for treating ropes auxiliary to rope-making D07B)
D03	WEAVING
D03C	SHEDDING MECHANISMS; PATTERN CARDS OR CHAINS; PUNCHING OF CARDS; DESIGNING PATTERNS
D03D	WOVEN FABRICS; METHODS OF WEAVING; LOOMS
D03J	AUXILIARY WEAVING APPARATUS; WEAVERS' TOOLS; SHUTTLES
D04	BRAIDING; LACE-MAKING; KNITTING; TRIMMINGS; NON-WOVEN FABRICS

- D04B** **KNITTING**
- D04C** **BRAIDING OR MANUFACTURE OF LACE, INCLUDING BOBBIN-NET OR CARBONISED LACE; BRAIDING MACHINES; BRAID; LACE**
(machines for making soles from strips of material [A43D29/00](#); cane working [B27J1/00](#))
- D04D** **TRIMMINGS; RIBBONS, TAPES OR BANDS, NOT OTHERWISE PROVIDED FOR** (fittings or trimmings for hats, e.g. hat bands [A42C5/00](#); decorating art [B44](#); yarns or threads [D02G](#); weaving [D03](#); braid or lace [D04C](#); non-woven fabrics [D04H](#))
- D04G** **MAKING NETS BY KNOTTING OF FILAMENTARY MATERIAL; MAKING KNOTTED CARPETS OR TAPESTRIES; KNOTTING NOT OTHERWISE PROVIDED FOR** (binding knotters for harvesters [A01D59/04](#); wire netting [B21F](#); tying articles by knotting [B65B](#); knotting in association with winding or unwinding [B65H69/00](#); knotting in weaving [D03J](#); making nets, carpets, or tapestries by other techniques, see the relevant subclasses)
- D04H** **MAKING TEXTILE FABRICS, e.g. FROM FIBRES OR FILAMENTARY MATERIAL** (weaving [D03](#); knitting [D04B](#); braiding [N: and lace-making] [D04C](#); net-making [N: and making knotted carpets] [D04G](#); sewing [D05B](#); tufting [D05C](#), [N: e.g. [D05C15/04](#)]; finishing non-woven fabrics [D06](#)); **FABRICS MADE BY SUCH PROCESSES OR APPARATUS, e.g. FELTS, NON-WOVEN FABRICS; COTTON-WOOL; WADDING** [N: Non-woven fabrics from staple fibres, filaments or yarns, bonded with at least one web-like material during their consolidation] (non-woven fabrics having an intermediate or external layer of a different kind, e.g. of woven fabric, [B32B](#); [N: manufacturing hats [A42C](#); filtering material [B01D39/00](#); making board or the like from wood fibre [B27N](#); producing shaped articles from mixtures containing fibres [B28B1/52](#); making layered products from solid layers, at least one of which contains synthetic resin as an essential component [B32B27/00](#); making or treating glass wool and mineral wool [C03B37/00](#); compounding ingredients used as fillers for mortars and the like [C04B14/38](#), [C04B16/06](#), [C04B20/00F](#); sintering plastics particles [C08J9/24](#); manufacturing by extrusion of synthetic filaments and fibres in general [D01D](#); paper [D21C](#) to [D21H](#); making shaped articles from liquid suspensions of cellulose fibres [D21J](#)])
- D05** **SEWING; EMBROIDERING; TUFTING**
- D05B** **SEWING** (appliances for the tailoring trade [A41H](#); sewing tables [A47B29/00](#); sewing in bookbinding [B42B2/00](#); sewing machines modified for knitting [D04B39/08](#))
- D05C** **EMBROIDERING; TUFTING** (making non-woven fabrics [D04H](#); sewing [D05B](#))
- D06** **TREATMENT OF TEXTILES OR THE LIKE; LAUNDERING;**

FLEXIBLE MATERIALS NOT OTHERWISE PROVIDED FOR

- D06B** **TREATING TEXTILE MATERIALS BY LIQUIDS, GASES OR VAPOURS** (applying liquids to surfaces in general B05; conveying in general, handling webs or filaments in general B65; treating leather C14C; mechanical removal of impurities from animal fibres D01B; laundering D06F; chemical matters, see D06L to D06Q)
- D06C** **FINISHING, DRESSING, TENTERING OR STRETCHING TEXTILE FABRICS** (chemical matters, see D06L to D06Q; drying F26B)
- D06F** **LAUNDERING, DRYING, IRONING, PRESSING OR FOLDING TEXTILE ARTICLES** (apparatus for blocking, pressing, steaming, or stretching hats A42C; treating textile materials by liquids, gases or vapours D06B; chemical matters, see D06L, D06M)
- D06G** **MECHANICAL OR PRESSURE CLEANING OF CARPETS, RUGS, SACKS, HIDES OR OTHER SKIN OR TEXTILE ARTICLES OR FABRICS; TURNING INSIDE-OUT FLEXIBLE TUBULAR OR OTHER HOLLOW ARTICLES** ([mechanical preparation or mechanical treatment of bed feathers B68G3/00](#))
- D06H** **MARKING, INSPECTING, SEAMING OR SEVERING TEXTILE MATERIALS** (seaming by sewing D05B; in connection with manufacturing, see the relevant subclasses)
- D06J** **PLEATING, KILTING, OR GOFFERING TEXTILE FABRICS OR WEARING APPAREL** ([corrugating, creasing, or otherwise deforming paper, or material worked in a manner analogous to paper, without removing material B31F](#); by [weaving D03D](#); by [sewing D05B](#); apparatus for pressing or setting formed pleats [D06C](#))
- D06L** **BLEACHING, e.g. OPTICAL BLEACHING, DRY-CLEANING, OR WASHING FIBRES, THREADS, YARNS, FABRICS, FEATHERS OR MADE-UP FIBROUS GOODS; BLEACHING LEATHER OR FURS** ([treatment of fibres of filaments of glass, mineral wool, or slag wool C03](#); chemical treatment of fibrous material to obtain fibres for spinning [D01](#); for mechanical matters [D06C](#), [D06F](#); [bleaching paper pulp or cotton linters D21](#); [N: [softening compositions for textiles, cleaning compositions for carpets, upholstery, fur or leather C11D](#)])
- D06M** **TREATMENT, NOT PROVIDED FOR ELSEWHERE IN CLASS D06, OF FIBRES, THREADS, YARNS, FABRICS, FEATHERS, OR FIBROUS GOODS MADE FROM SUCH MATERIALS** ([surface treatment of fibres or filaments from glass, minerals or slags \[N: also in the form of fabrics if the chemical](#)

aspects of the treatment are important] [C03C25/00](#); treatment of textiles by mechanical means, see D06B to D06J) [[C1002](#)]

- D06N** WALL, FLOOR OR LIKE COVERING MATERIALS, e.g. LINOLEUM, OILCLOTH, ARTIFICIAL LEATHER, ROOFING FELT, CONSISTING OF A FIBROUS WEB COATED WITH A LAYER OF MACROMOLECULAR MATERIAL; FLEXIBLE SHEET MATERIAL NOT OTHERWISE PROVIDED FOR (laminates in general B32B; coated webs which retain the character of paper or cardboard D21)
- D06P** DYEING OR PRINTING TEXTILES; DYEING LEATHER, FURS, OR SOLID MACROMOLECULAR SUBSTANCES IN ANY FORM (for mechanical matters, see B41F, D06B, D06C; printing on surfaces of materials other than textiles B41M; surface treatment of fibres or filaments from glass, mineral, or slags [C03C25/00](#); mordanting D06M; dyeing paper D21H)
- D06Q** DECORATING TEXTILES (for treatment of textiles by mechanical means, see [D06B](#) to [D06J](#); metallising the entire surface of textiles [D06M11/83](#); textile threads, filaments, yarns or tow, glued on macromolecular material [D06N7/00](#); dyeing or printing [D06P](#))
- D07** ROPES; CABLES OTHER THAN ELECTRIC
- D07B** ROPES OR CABLES IN GENERAL (joining ropes or cables to one another or to other objects [B65H69/00](#), [F16G11/00](#); [N: mountaineering ropes [A63B29/02](#)]; mechanical finishing or dressing of ropes D02J; [N: braiding [D04C](#)]; decorative ropes or cords D04D; suspension cables for bridges [E01D19/16](#); specially adapted for driving, or for being driven by, pulleys or other gearing elements [F16G9/00](#); electric cables or joints insofar as electrical aspects are essential H01B, H01R)

SUBSECTION: Paper

- D21** PAPER-MAKING; PRODUCTION OF CELLULOSE
- D21B** FIBROUS RAW MATERIALS OR THEIR MECHANICAL TREATMENT
- D21C** PRODUCTION OF CELLULOSE BY REMOVING NON-CELLULOSE SUBSTANCES FROM CELLULOSE-CONTAINING MATERIALS; REGENERATION OF PULPING LIQUORS; APPARATUS THEREFOR
- D21D** TREATMENT OF THE MATERIALS BEFORE PASSING TO THE PAPER-MAKING MACHINE

- D21F** PAPER-MAKING MACHINES; METHODS OF PRODUCING PAPER THEREON
- D21G** CALENDERS; ACCESSORIES FOR PAPER-MAKING MACHINES
(winders or rewinders for finished products, means for adjustment of wrinkles or lateral extensions [B65H](#))
- D21H** PULP COMPOSITIONS; PREPARATION THEREOF NOT COVERED BY SUBCLASSES D21C or D21D; IMPREGNATING OR COATING OF PAPER; TREATMENT OF FINISHED PAPER NOT COVERED BY CLASS B31 OR SUBCLASS D21G; PAPER NOT OTHERWISE PROVIDED FOR
- D21J** FIBREBOARD; MANUFACTURE OF ARTICLES FROM CELLULOSIC FIBROUS SUSPENSIONS OR FROM PAPIER-MACHE (manufacture of articles by dry processes B27N)