

ECLA EUROPEAN CLASSIFICATION

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)

Note

Attention is drawn to the note following the title of Class D01.

D01G1/00 Severing continuous filaments or long fibres, e.g. stapling

- D01G1/02 . to form staple fibres not delivered in strand form
- D01G1/02A . . [N: by solvents]
- D01G1/02B . . [N: by thermic means, e.g. laser]
- D01G1/02B2 . . . [N: by freezing]
- D01G1/04 . . by cutting
- D01G1/06 . Converting tows to slivers or yarns, e.g. in direct spinning ([drafting arrangements](#), [twisting arrangements D01H](#))
- D01G1/08 . . by stretching or abrading
- D01G1/08A . . . [N: with preferential breaking zones]
- D01G1/08A1 [N: obtained by mechanical means, e.g. by squeezing]
- D01G1/08A2 [N: obtained by thermic means]
- D01G1/08A2A [N: by freezing]
- D01G1/08A3 [N: obtained by electric or electro-static means]
- D01G1/10 . . by cutting

D01G3/00 Roughening of fibres

D01G5/00 Separating, e.g. sorting, fibres ([separating fibres of differing lengths in silk-dressing machines D01G17/00](#); in [combing machines D01G19/00](#))

D01G7/00 Breaking or opening fibre bales

- D01G7/02 . by means of beater arms
- D01G7/04 . by means of toothed members
- D01G7/06 . Details of apparatus or machines
- D01G7/08 . . Arrangements for feeding bales to comminuting elements
- D01G7/10 . . Arrangements for discharging fibres
- D01G7/12 . . Framework; Casings; Coverings; Grids
- D01G7/14 . . Driving arrangements

- D01G9/00** **Opening or cleaning fibres, e.g. scutching cotton** (scutching flax or like fibres [D01B](#); making cellulose wadding in papermaking machines [D21F11/14](#))
- D01G9/02 . by agitation within a moving receptacle
- D01G9/04 . by means of beater arms
- D01G9/06 . by means of toothed members
- D01G9/08 . by means of air draught arrangements
- D01G9/10 . . using foraminous cylinders (foraminous suction cylinders for lap-forming [D01G25/00](#))
- D01G9/12 . Combinations of opening or cleaning machines
- D01G9/14 . Details of machines or apparatus
- D01G9/16 . . Feeding arrangements (fibre-feeding apparatus of general application in fibre-treating machines [D01G23/00](#))
- D01G9/18 . . Arrangements for discharging fibres
- D01G9/20 . . Framework; Casings; Coverings; Grids
- D01G9/22 . . Driving arrangements
- D01G11/00** **Disintegrating fibre-containing articles to obtain fibres for re-use**
- D01G11/02 . Opening, unravelling, or teasing ropes or like fibrous strands to obtain fibres for re-use
- D01G11/04 . Opening rags to obtain fibres for re-use (mechanical treatment of rags for paper-making [D21B](#))
- D01G13/00** **Mixing, e.g. blending, fibres; Mixing non-fibrous materials with fibres (mixing of fibres combined with other operations, e.g. bale-breaking of fibre-opening, see appropriate groups for such operations)**
- D01G15/00** **Carding machines or accessories; Card clothing; Burr-crushing or removing arrangements associated with carding or other preliminary-treatment machines (de-burring apparatus or machines operating independently [D01B](#))**
- D01G15/02 . Carding machines
- D01G15/04 . . with worker and stripper or like rollers operating in association with a main cylinder
- D01G15/06 . . . Garnett machines
- D01G15/08 . . with flats or like members or endless card sheets operating in association with a main cylinder
- D01G15/10 . . with other apparatus, e.g. drafting devices, in integral or closely-associated combination (web-dividing apparatus [D01G15/46](#); burr-crushing or removing arrangements [D01G15/94](#))
- D01G15/12 . . Details
- D01G15/14 . . . Constructional features of carding elements, e.g. for facilitating attachment of

- card clothing
- D01G15/16 Main cylinders; Breasts
- D01G15/18 Workers; Strippers; Doffers ([doffers specially adapted for web dividing D01G15/54](#))
- D01G15/20 Feed rollers; Takers-in
- D01G15/22 Fancies
- D01G15/24 Flats or like members
- D01G15/26 Arrangements or disposition of carding elements
- D01G15/28 Supporting arrangements for carding elements; Arrangements for adjusting relative positions of carding elements
- D01G15/30 Bends
- D01G15/32 Framework; Casings; Coverings
- D01G15/34 Grids; Dirt knives; Angle blades
- D01G15/36 Driving or speed control arrangements
- D01G15/38 for use during the grinding of card clothing
- D01G15/40 Feeding apparatus ([fibre-feeding apparatus of general application to fibre-treating machines, e.g. hopper feeders D01G23/00](#))
- D01G15/42 Feeding from laps
- D01G15/44 Intermediate feeds
- D01G15/46 Doffing or like arrangements for removing fibres from carding elements; Web-dividing apparatus; Condensers ([lap-forming devices D01G25/00](#); [fibre condensing guides D01H5/72](#))
- D01G15/46A [[N: Doffing arrangements for removing fibres using, or cooperating with, pneumatic means](#)]
- D01G15/48 Stripping-combs
- D01G15/50 Stripping-rollers or like devices
- D01G15/52 Web-dividing arrangements
- D01G15/54 employing doffers specially adapted for web dividing
- D01G15/56 employing tapes
- D01G15/58 Sliver or like rubbing apparatus
- D01G15/60 Constructions of rubbing leathers
- D01G15/62 Slubbing-winding apparatus (winding apparatus of general application to the winding of filamentary material B65H)
- D01G15/64 Drafting or twisting apparatus associated with doffing arrangements or with web-dividing apparatus
- D01G15/66 with arrangements inserting false twist ([false-twist devices D01H](#))
- D01G15/68 with arrangements inserting permanent twist, e.g. spinning
- D01G15/70 Arrangements for producing decorative or fancy effects in products
- D01G15/72 Arrangements for returning waste to be re-carded
- D01G15/74 Air draught arrangements ([air draught arrangements for stripping or for removing dust or fly D01G15/76](#))
- D01G15/76 Stripping or cleaning carding surfaces; Maintaining cleanliness of carding area
- D01G15/76A [[N: by suction or blowing \(D01G15/78A, D01G15/80A, D01G15/82A take precedence\)](#)]

- D01G15/76B . . [N: Cleaning hand tools]
- D01G15/78 . . Arrangements for stripping flats
- D01G15/78A . . . [N: by suction or blowing]
- D01G15/80 . . Arrangements for stripping cylinders or rollers
- D01G15/80A . . . [N: by suction or blowing]
- D01G15/82 . . Arrangements for confining or removing dust, fly or the like
- D01G15/82A . . . [N: by suction or blowing]

- D01G15/84 . Card clothing; Manufacture thereof not otherwise provided for ([arrangements for driving carding-machine elements during grinding D01G15/38](#); [grinding card clothing B24B](#))
- D01G15/86 . . with flexible non-metallic backing
- D01G15/88 . . formed from metal sheets or strips
- D01G15/90 . . Lags, e.g. for jute cards
- D01G15/92 . . Attaching card clothing to carding elements

- D01G15/94 . Burr-crushing or removing arrangements
- D01G15/96 . . Burr-crushing rollers
- D01G15/98 . . Morel or like apparatus

D01G17/00 Silk-dressing machines

D01G19/00 Combing machines

- D01G19/02 . with pinned circles, e.g. Noble
- D01G19/04 . with pinned cylinders, e.g. rectilinear
- D01G19/06 . Details
- D01G19/08 . . Feeding apparatus
- D01G19/10 . . Construction, mounting, or operating features of combing elements
- D01G19/10B . . . [N: Combing cylinders (needle bars [D01H5/14](#))]
- D01G19/12 . . Devices for laying or holding fibres in combs, e.g. dabbing brushes
- D01G19/14 . . Drawing-off and delivery apparatus
- D01G19/16 . . . Nipper mechanisms
- D01G19/18 . . . Roller, or roller and apron, devices, e.g. operating to draw-off fibres continuously
- D01G19/20 operating to draw-off fibres intermittently
- D01G19/22 . . Arrangements for removing, or disposing of, noil or waste
- D01G19/24 . . Framework; Casings; Coverings
- D01G19/26 . . Driving arrangements
- D01G19/28 . . Air draught or like pneumatic arrangements
- D01G19/30 . . Heating arrangements

D01G21/00 Combinations of machines, apparatus, or processes, e.g. for continuous processing ([D01G1/06](#), [D01G9/12](#), [D01G15/46](#), [D01G15/94](#) take precedence)

- D01G23/00** **Feeding fibres to machines; Conveying fibres between machines** ([D01G21/00](#) takes precedence; intermediate feeds in carding machines [D01G15/40](#))
- [D01G23/02](#) . Hoppers; Delivery shoots
- [D01G23/04](#) . . with means for regulating rate of feed
- [D01G23/04B](#) . . . [N: by successive weighing; Weighing hoppers]
- [D01G23/06](#) . Arrangements in which a machine or apparatus is regulated in response to changes in the volume or weight of fibres fed, e.g. piano motions ([arrangements in which draft is regulated in response to irregularities in fibre supply](#) [D01H](#))
- [D01G23/08](#) . Air draught or like pneumatic arrangements
- D01G25/00** **Lap-forming devices not integral with machines specified above** ([forming mats or batts of continuous filaments for non-woven fabrics](#) [D04H](#))
- D01G27/00** **Lap- or sliver-winding devices, e.g. for products of cotton scutchers, jute cards, or worsted gill boxes**
- [D01G27/02](#) . with lap-roll or the like loaded to provide firm packages
- [D01G27/04](#) . with automatic discharge of lap-roll or the like
- D01G29/00** **Arrangements for lubricating fibres, e.g. in gill boxes** ([processes involving the use of particular lubricants](#) [D06M15/00](#))
- D01G31/00** **Warning or safety devices, e.g. automatic fault detectors, stop motions** ([safety devices of general application](#) [F16P](#); [indicating devices of general application](#) [G08B](#))
- [D01G31/00B](#) . [N: Detection and removal of impurities] [N0206]
- [D01G31/00D](#) . [N: On-line measurement and recording of process and product parameters] [N0206]
- D01G33/00** **Hand tools for treatment of fibres**
- D01G35/00** **Treatment of oakum**
- D01G99/00** **Subject matter not provided for in other groups of this subclass** [N1010]
- [D01G99/00B](#) . [N: Conditioning of textile fibre during treatment before spinning ([conditioning during spinning or twisting](#) [D01H13/30](#))] [N1010]