

ECLA EUROPEAN CLASSIFICATION

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)

Note

In this subclass, the following terms or expressions are used with the meaning indicated:

- "fabric" includes yarns in warp or sheet form;
- "textile material" includes fabrics, yarns or other fibrous materials;
- "indefinite length" means an extent of material having the characteristic that the longitudinal dimension is effectively infinite in so far as the procedure for advancing or moving the material is concerned.

- D06B1/00** Applying liquids, gases or vapours on to textile materials to effect treatment, e.g. washing, dyeing, bleaching, sizing, impregnating ([mercerising D06B7/00](#); [solvent-treatment D06B9/00](#); [treatment of selected parts of textile materials D06B11/00](#); [with aid of vibration D06B13/00](#))
- D06B1/02 . by spraying or projecting ([D06B1/08](#) takes precedence; spraying in general [B05](#))
 - D06B1/04 . by pouring or allowing to flow on to the surface of the textile material
 - D06B1/06 . . flowing along an inclined surface
 - D06B1/08 . from outlets being in, or almost in, contact with the textile material
 - D06B1/10 . by contact with a member carrying the treating material
 - D06B1/12 . . by rubbing contact, e.g. with brushes or pads
 - D06B1/14 . . with a roller
 - D06B1/14B . . . [N: where an element is used to mitigate the quantity of treating material on the roller]
 - D06B1/14C . . . [N: where an element is used to mitigate the quantity of treating material that the textile material can retain (if removing occurs later see [D06B15/00](#) and sub-groups)]
 - D06B1/14D . . . [N: where elements are used to mitigate the quantities of treating material on the roller and on the textile material]
 - D06B1/14F . . . [N: the treating material being kept in a trough formed between the roller and non-rotating elements]
 - D06B1/14G . . . [N: the treating material being kept in the trough formed between two or more rollers]
 - D06B1/14G2 [N: where the textile material is first passed in a nip before it comes into contact with the treating material]
 - D06B1/14G3 [N: the textile material being a tubular fabric (takes precedence over [D06B1/14G2](#))]

- D06B1/14H . . . [N: the treating material being supplied to the roller by spraying or pouring]
- D06B1/14J . . . [N: the treating material being applied to the textile material without contact with the roller (e.g. by capillarity)]
- D06B1/16 . . . the treating material being supplied from inside the roller

- D06B3/00** **Passing of textile materials through liquids, gases or vapours to effect treatment, e.g. washing, dyeing, bleaching, sizing, impregnating** ([mercerising D06B7/00](#); [solvent-treatment D06B9/00](#); [treatment of selected parts of textile materials D06B11/00](#); [with aid of vibration D06B13/00](#))

- D06B3/02 . of fibres, slivers or rovings
- D06B3/04 . of yarns, threads or filaments
- D06B3/04B . . [N: in a tube or a groove]
- D06B3/06 . . individually handled
- D06B3/08 . . as hanks
- D06B3/09 . . as packages, e.g. cheeses

- D06B3/10 . of fabrics ([D06B3/24](#), [D06B3/28](#), [D06B3/32](#) take precedence; [jiggers D06B3/32](#))
- D06B3/10B . . [N: of tubular fabrics]
- D06B3/12 . . in zig-zag manner over series of guiding means
- D06B3/14 . . in wound form
- D06B3/16 . . in superimposed, i.e. stack-packed, form
- D06B3/18 . . combined with squeezing, e.g. in padding machines
- D06B3/18B . . . [N: below the bath level]
- D06B3/20 . . with means to improve the circulation of the treating material on the surface of the fabric
- D06B3/20B . . . [N: the treating material being forced through the textile material]
- D06B3/20B2 [N: by suction, e.g. by means of perforated drums]
- D06B3/20C . . . [N: by vibrating]
- D06B3/20C2 [N: the textile material]
- D06B3/20C3 [N: the treating material]
- D06B3/22 . . only one side of the fabric coming into contact with the guiding means

- D06B3/24 . of fabrics in roped form
- D06B3/26 . . in superimposed, i.e. stack-packed, form

- D06B3/28 . of fabrics propelled by, or with the aid of, jets of the treating material

- D06B3/30 . of articles, e.g. stockings

- D06B3/32 . of open-width materials backwards and forwards between beaming rollers during treatment; Jiggers
- D06B3/32B . . [N: with means to improve the circulation of the treating material on the surface of the textile material]

- D06B3/34 . Driving arrangements of machines or apparatus

- D06B3/34B . . [N: Means for controlling the tension in the textile material (in general [D02H13/22](#))]
- D06B3/36 . . Drive control

D06B5/00 Forcing liquids, gases or vapours through textile materials to effect treatment, e.g. washing, dyeing, bleaching, sizing impregnating ([mercerising D06B7/00](#); [solvent-treatment D06B9/00](#); [treatment of selected parts of textile materials D06B11/00](#); [with aid of vibration D06B13/00](#))

- D06B5/02 . through moving materials of indefinite length
- D06B5/04 . . through slivers or rovings
- D06B5/06 . . through yarns, threads or filaments
- D06B5/08 . . through fabrics
- D06B5/10 . . using centrifugal force

- D06B5/12 . through materials of definite length
- D06B5/14 . . through fibres, slivers or rovings
- D06B5/16 . . through yarns, threads or filaments
- D06B5/18 . . . through beamed warp
- D06B5/20 . . . through hanks
- D06B5/22 . . through fabrics
- D06B5/24 . . through articles, e.g. stockings
- D06B5/26 . . using centrifugal force

D06B7/00 Mercerising, e.g. lustring by mercerising

- D06B7/02 . of slivers
- D06B7/04 . of yarns, threads or filaments
- D06B7/06 . . of hanks of yarns
- D06B7/08 . of fabrics of indefinite length
- D06B7/10 . of tubular fabrics or tubular articles

D06B9/00 Solvent-treatment of textile materials ([dry-cleaning D06F43/00](#))

- D06B9/02 . Solvent-dyeing
- D06B9/04 . Successively applying two or more different solvent-based treating materials
- D06B9/06 . with recovery of the solvent

D06B11/00 Treatment of selected parts of textile materials, e.g. partial dyeing

- D06B11/00B . [N: of fibres, slivers or rovings]
- D06B11/00B2 . . [N: in connection with a spinning step]

- D06B11/00C . [N: of a yarn in wound form]
- D06B11/00C2 . . [N: by local injection]
- D06B11/00C3 . . [N: by local suction]

- D06B11/00D . [N: of moving yarns]
- D06B11/00D2 . . [N: by spraying or pouring]
- D06B11/00D3 . . [N: by spaced contacts with a member carrying a single treating material]
- D06B11/00D4 . . [N: by continuous contact with a member able to bring simultaneously a plurality of treating materials]
- D06B11/00D5 . . [N: by periodical dipping]
- D06B11/00D6 . . [N: specially disposed for a local treatment]
- D06B11/00D7 . . [N: in a tensionless state]

- D06B11/00F . [N: of hanks of yarns]
- D06B11/00F2 . . [N: hung on supports]
- D06B11/00F3 . . [N: wound on supports]
- D06B11/00F4 . . [N: laid down on supports]

- D06B11/00G . [N: of fabrics]
- D06B11/00G2 . . [N: by spraying]
- D06B11/00G3 . . [N: by pouring]
- D06B11/00G4 . . [N: by spaced contacts with a member carrying a single treating material]
- D06B11/00G5 . . [N: by continuous contact with a member able to bring simultaneously a plurality of treating materials]

- D06B11/00H . [N: of articles]

- D06B11/00J . [N: Transfer-treating]

- D06B11/00K . [N: Local modifications of the ability of the textile material to receive the treating materials, (e.g. its dyeability)]
- D06B11/00K2 . . [N: the textile material being fibres or slivers]
- D06B11/00K3 . . [N: the textile material being one or more yarns]
- D06B11/00K4 . . [N: the textile material being a surface]

- D06B11/00L . [N: Treatments carried out during or after a regular application of treating materials, in order to get differentiated effects on the textile material]
- D06B11/00L2 . . [N: to get a faded look]

D06B13/00 Treatment of textile materials with liquids, gases or vapours with aid of vibration

D06B15/00 Removing liquids, gases or vapours from textile materials in association with treatment of the materials by liquids, gases or vapours ([drying F26B](#))

- D06B15/00B . [N: by squeezing, otherwise than by rollers]

Note

Group [D06B15/12](#) takes precedence over groups [D06B15/02](#) to [D06B15/10](#)

[D06B15/02](#) . by squeezing rollers [N: ([D06B15/04C](#) takes precedence)]

[D06B15/02B](#) . . [N: for tubular fabrics]

[D06B15/04](#) . by suction

[D06B15/04B](#) . . [N: by means of a perforated drum]

[D06B15/04C](#) . . [N: included in a pair of squeezing rollers]

[D06B15/06](#) . by vibrating the textile material

[D06B15/08](#) . by scraping

[D06B15/08B](#) . . [N: by contact with the textile material]

[D06B15/09](#) . by jets of gases

[D06B15/10](#) . by use of centrifugal force

[D06B15/12](#) . up to the moisture regain of the textile material

[D06B17/00](#) **Storing of textile materials in association with the treatment of the materials by liquids, gases or vapours (carriers or supports specially adapted therefor [D06B23/04](#))**

[D06B17/00C](#) . [N: in helical form]

[D06B17/02](#) . in superimposed, i.e. stack-packed, form; J-boxes

[D06B17/04](#) . in wound form

[D06B17/06](#) . in festooned form

[D06B19/00](#) **Treatment of textile materials by liquids, gases or vapours, not provided for in groups [D06B1/00](#) to [D06B17/00](#)**

[D06B19/00B](#) . [N: Fixing of chemicals, e.g. dyestuffs, on textile materials ([D06B9/02](#), [D06B17/00](#) to [D06B17/06](#) take precedence)]

[D06B19/00B2](#) . . [N: by heated air]

[D06B19/00B2B](#) . . . [N: the textile material passing through a chamber]

[D06B19/00B2C](#) . . . [N: wherein suction is applied to one face of the textile material]

[D06B19/00B3](#) . . [N: by steam]

[D06B19/00B3B](#) . . . [N: the textile material passing through a chamber]

[D06B19/00B3C](#) . . . [N: wherein suction is applied to one face of the textile material]

[D06B19/00B4](#) . . [N: by air steam]

[D06B19/00B4B](#) . . . [N: the textile material passing through a chamber]

[D06B19/00B4C](#) . . . [N: wherein suction is applied to one face of the textile material]

[D06B19/00B5](#) . . [N: by a fixing bath ([D06B19/00B7B](#) takes precedence)]

- D06B19/00B6 . . [N: by application of electric energy]
- D06B19/00B7 . . [N: by contact with a heated surface]
- D06B19/00B7B . . . [N: by passing through a bath of liquid metal or a fluidised bed]
- D06B19/00C . [N: using a short bath ratio liquor]
- D06B19/00C2 . . [N: as a foam]
- D06B21/00** **Successive treatments of textile materials by liquids, gases or vapours (successive treatments in which the characteristics of a single treatment are of interest only, or in which all treatments have characteristics provided for in a single main group, see the relevant groups for the single treatment)**
- D06B21/02 . the treatments being performed in a single container
- D06B23/00** **Component parts, details, or accessories of apparatus or machines, specially adapted for the treating of textile materials, not restricted to a particular kind of apparatus, provided for in groups [D06B1/00](#) to [D06B21/00](#)**
- D06B23/02 . Rollers
- D06B23/02C . . [N: Compressive rollers]
- D06B23/02G . . [N: Guiding rollers]
- D06B23/02P . . [N: Perforated rollers]
- D06B23/02S . . [N: characterised by particular surface features]
- D06B23/02T . . [N: Rollers for thermal treatment]
- D06B23/04 . Carriers or supports for textile materials to be treated
- D06B23/04B . . [N: Perforated supports]
- D06B23/04B2 . . . [N: radially collapsible]
- D06B23/04C . . [N: Replacing or removing the core of the package]
- D06B23/06 . Guiding means for preventing filaments, yarns or threads from sticking together
- D06B23/08 . Untwisting devices
- D06B23/10 . Devices for dyeing samples ([D06B23/12](#) takes precedence)
- D06B23/12 . Means for taking samples from textile materials during or after treatment
- D06B23/14 . Containers, e.g. vats
- D06B23/16 . . with means for introducing or removing textile materials without modifying container pressure
- D06B23/18 . . Sealing arrangements
- D06B23/20 . Arrangements of apparatus for treating processing-liquids, -gases or -vapours, e.g. purification, filtration, distillation (such apparatus per se, see the relevant classes for the apparatus)
- D06B23/20B . . [N: for adding or mixing constituents of the treating material]
- D06B23/22 . . for heating

- D06B23/24 . Means for regulating the amount of treating material picked up by the textile material during its treatment
- D06B23/26 . . in response to a test conducted on the textile material
- D06B23/28 . . in response to a test conducted on the treating material
- D06B23/30 . Means for cleaning apparatus or machines, or parts thereof