

D06 TREATMENT OF TEXTILES OR THE LIKE; LAUNDERING; FLEXIBLE MATERIALS NOT OTHERWISE PROVIDED FOR

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 vapors D06B; chemical matters, see D06L, D06M)

- (1) This subclass covers:
- domestic or laundry dry-cleaning apparatus using volatile solvents;
 - domestic, laundry, or tailors' ironing or other hot-pressing of clothes, linen, or other textile articles.
- (2) This subclass does not cover apparatus for wringing, washing, dry-cleaning, ironing, or other hot-pressing of textiles in manufacturing operations, which is covered by subclasses D06B, D06C.

RECEPTACLES; REMOVABLE DEVICES FOR USE WITH DIFFERENT

RECEPTACLES..... 1/00; 7/00

HAND IMPLEMENTS..... 5/00

IMPLEMENTS FOR WASHING BY HAND

Receptacles; hand rubbing apparatus 1/00; 3/00

WASHING MACHINES

using brushes, rollers 9/00; 11/00

with stationary receptacle: using agitators; using beating or squeezing means; with agitation of liquid; with additional drying means..... 13/00; 15/00; 17/00; 18/00

with moving receptacle

with rotary movement, e.g. oscillatory: for washing; for washing and draining; for washing and draining with additional drying means..... 21/00; 23/00; 25/00

with bodily movements, e.g. reciprocating or swinging 27/00

using vibrations for washing 19/00

Details of above machines..... 1/00; 7/00; 37/00; 39/00

Combinations with other apparatus or machines 29/00; 31/00

Control of washing operations 33/00

Other washing machines or methods 35/00

RINSING APPARATUS 29/00; 41/00

DRY-CLEANING 43/00

EXPELLING WATER FROM LINEN;

SMOOTHING BY COLD ROLLING

by rollers; by presses 45/00; 47/00

by centrifugal movement of the receptacle 23/00; 25/00; 49/00

Apparatus not otherwise provided

for 51/00

DRYING; AIRING

Clothes-lines; clothes-pegs; other supporting means 53/00; 55/00; 57/00

Driers 58/00

Special supports retaining shape of articles to be dried 59/00

IRONING; PRESSING

Ironing

by hand:

Irons; accessories; ironing boards..... 75/00; 77/00; 79/00; 81/00

by machine:

using rollers; using rollers coating with table; using rollers coating with curved surfaces 61/00; 63/00; 65/00

Details 67/00

Other ironing machines 69/00

Pressing

Hot or cold pressing; smoothing by use of formers with heat or steam..... 71/00; 73/00

Coverings or pads for equipment, elements interposed between article and ironing or pressing surface 83/00; 85/00

AUXILIARY APPARATUS; LAUNDRY SYSTEMS

Conditioning; folding; starching; counting, sorting, marking 87/00; 89/00; 91/00; 93/00

Laundry systems, arrangements of apparatus or machines 95/00

Washing; Rinsing; Dry-cleaning

1/00 Washing receptacles (of washing machines D06F 37/00, D06F 39/00)

1/02 . Wash-tubs, Supports therefor

1/04 . . the tub walls or bottom having corrugations (rubbing boards D06F 3/02)

- 1/06 . Wash-boiler receptacles
- 1/08 . . with special means for water circulation by heat, e.g. fountain-washers
- 1/10 . Covers; Handles
- 1/12 . Racks or other rigid open containers of skeleton or like apertured construction supporting clothes in washing receptacles

- 3/00 Hand rubbing apparatus** (corrugated tub-walls D06F 1/04)
- 3/02 . Rubbing boards
- 3/04 . Hand rubbers, e.g. gloves with corrugated surfaces
- 5/00 Hand implements for washing purposes, e.g. sticks** (hand rubbing appliances D06F 3/00; brushes A46B)
- 5/02 . Plungers, dollies, pounders, squeezers, or the like
- 5/04 . . adapted for removable mounting on receptacles such as wash-tubs
- 5/06 . Grippers
- 7/00 Washing devices adapted to be used independently of any particular receptacle, e.g. for removable mounting on wash-tubs, bath-tubs, or the like**
- 7/02 . of the rotary-impeller type
- 7/04 . of the vibrator type
- 7/06 . agitating the washing liquid by air
- 9/00 Brushing-type washing machines**
- 11/00 Washing machines using rollers, e.g. of the mangle type**
- 13/00 Washing machines having receptacles, stationary for washing purposes, with agitators therein contacting the articles being washed** (plungers or the like adapted for removable mounting on receptacles D06F 5/04; washing devices adapted to be used independently of any particular receptacle D06F 7/00)
- 13/02 . wherein the agitator has an oscillatory rotary motion only
- 13/04 . wherein the agitator has an axial motion only
- 13/06 . wherein the agitator has both rotary, e.g. oscillating rotary, motion and axial motion
- 13/08 . wherein the agitator has a gyratory or orbital motion
- 15/00 Washing machines having beating, rubbing, or squeezing means in receptacles stationary for washing purposes** (plungers or the like adapted for removable mounting on receptacles D06F 5/04; mangle-type washing machines D06F 11/00)
- 15/02 . wherein the articles being washed are squeezed by a flexible diaphragm or bag
- 17/00 Washing machines having receptacles, stationary for washing purposes, wherein the washing action is effected solely by circulation or agitation of the washing liquid** (washing devices adapted to be used independently of any particular receptacle D06F 7/00; using vibrations for washing purposes D06F 19/00)
- 17/02 . by pumps (D06F 17/04 takes precedence)
- 17/04 . solely by water jets
- 17/06 . by rotary impellers
- 17/08 . . Driving arrangements for the impeller
- 17/10 . . Impellers
- 17/12 . solely by gases, e.g. air or steam, introduced into the washing liquid
- 18/00 Washing machines having receptacles, stationary for washing purposes, and having further drying means** (details concerning drying only D06F 58/00) [3]
- 19/00 Washing machines using vibrations for washing purposes** (devices of the vibrator type adapted to be used independently of any particular receptacle D06F 7/04)
- 21/00 Washing machines with receptacles, e.g. perforated, having a rotary movement, e.g. oscillatory movement** (with receptacles serving both for washing and centrifugally draining D06F 23/00, D06F 25/00; with receptacles moving bodily about an axis D06F 27/00; programme control aspects D06F 33/00)
- 21/02 . about a horizontal axis
- 21/04 . . within an enclosing receptacle
- 21/06 . about a vertical axis
- 21/08 . . within an enclosing receptacle
- 21/10 . about an inclined axis
- 21/12 . the receptacle having a wobbling motion
- 21/14 . with rubbing or beating means not secured to, or forming part of, the receptacle
- 23/00 Washing machines with receptacles, e.g. perforated, having a rotary movement, e.g. oscillatory movement, the receptacle serving both for washing and centrifugally draining** (with further drying means D06F 25/00; programme control aspects D06F 33/00)
- 23/02 . and rotating or oscillating about a horizontal axis
- 23/04 . and rotating or oscillating about a vertical axis
- 23/06 . and rotating or oscillating about an inclined axis
- 25/00 Washing machines with receptacles, e.g. perforated, having a rotary movement, e.g. oscillatory movement, the receptacle serving both for washing and centrifugally draining and having further drying means, e.g. using hot air** (programme-control aspects D06F 33/00; details concerning drying only D06F 58/00)
- 27/00 Washing machines with receptacles moving bodily, e.g. reciprocating, swinging**
- 29/00 Combinations of a washing machine with other separate apparatus in a common frame or the like, e.g. with rinsing apparatus**
- 29/02 . with liquid-extracting apparatus (with roller wringer D06F 45/12)
- 31/00 Washing installations comprising an assembly of several washing machines or washing units, e.g. continuous flow assemblies**
- 33/00 Controlling a series of operations in washing machines, e.g. programme-control arrangements for washing and drying cycles** (D06F 31/00 takes precedence)
- 33/02 . electrically
- 33/04 . non-electrically
- 33/06 . . substantially mechanically
- 33/08 . . substantially hydraulically
- 33/10 . . substantially pneumatically
- 35/00 Washing machines, apparatus, or methods not otherwise provided for**
- 37/00 Details of washing machines of kinds covered by groups D06F 21/00 D06F 25/00, restricted to machines of these kinds** (details of more general application D06F 39/00; details concerning drying only D06F 58/00)
- 37/02 . Rotary receptacles, e.g. drums
- 37/04 . . adapted for rotation or oscillation about a horizontal or inclined axis
- 37/06 . . . Ribs, lifters, or rubbing means forming part of the receptacle
- 37/08 . . . Partitions
- 37/10 . . . Doors; Securing means therefor

- 37/12 . . . adapted for rotation or oscillation about a vertical axis
 - 37/14 . . . Ribs or rubbing means forming part of the receptacle
 - 37/16 . . . Partitions
 - 37/18 . . . Doors or covers; Securing means therefor
 - 37/20 . Mountings, e.g. resilient mountings, for the rotary receptacle, motor, tub, or casing; preventing or damping vibrations (damping vibrations in general F16F)
 - 37/22 . . in machines with a receptacle rotating or oscillating about a horizontal axis
 - 37/24 . . in machines with a receptacle rotating or oscillating about a vertical axis
 - 37/26 . Casings; Tubs
 - 37/28 . . Doors; Security means therefor
 - 37/30 . Driving arrangements
 - 37/32 . . for rotating the receptacle at one speed only
 - 37/34 . . . in opposite directions, e.g. oscillating
 - 37/36 . . for rotating the receptacle at more than one speed
 - 37/38 . . . in opposite directions
 - 37/40 . . for driving the receptacle and an agitator or impeller, e.g. alternatively
 - 37/42 . Safety arrangements, e.g. for stopping rotation of the receptacle upon opening of the casing door
 - 39/00 Details of washing machines in so far as such details are not special to washing machines of groups D06F 21/00 D06F 25/00 or to any particular type of washing machine defined in groups D06F 9/00 D06F 19/00 or D06F 27/00**
 - 39/02 . Devices for adding soap or other washing agents
 - 39/04 . Heating arrangements
 - 39/06 . Arrangements for preventing or destroying scum
 - 39/08 . Liquid supply or discharge arrangements (supplying liquid detergent D06F 39/02)
 - 39/10 . Filtering arrangements
 - 39/12 . Casings; Tubs
 - 39/14 . . Doors or covers; Securing means therefor
 - 41/00 Rinsing apparatus**
 - 43/00 Dry-cleaning apparatus using volatile solvents (D06F 9/00 D06F 41/00 take precedence)**
 - 43/02 . having one rotary cleaning receptacle only
 - 43/04 . having more than one rotary cleaning receptacle
 - 43/06 . wherein the articles to be cleaned are passed through a cleaning chamber or bath
 - 43/08 . Associated apparatus for handling and recovering the solvents (separate apparatus for purifying dry-cleaning solvents B01D)
- Expelling water from the linen; Smoothing by cold rolling**
- 45/00 Wringing machines with two or more co-operating rollers; Similar cold-smoothing apparatus**
 - 45/02 . wherein the pressure is transmitted by spring means
 - 45/04 . . with hand-operated quick-release means
 - 45/06 . . with automatically-operated quick-release means
 - 45/08 . wherein the pressure is applied by fluid means
 - 45/10 . with three or more co-operating rollers
 - 45/12 . combined with washing machines
 - 45/14 . with means for removable attachment to washing machines, tables or other supports (combined with tables A47B)
 - 45/16 . Details
 - 45/18 . . Driving or control arrangements for rotation of the rollers
 - 45/20 . . Toggle or other lever means for transmitting pressure to the rollers
 - 45/22 . . Rollers
 - 45/24 . . Frames guiding or housing the roller shafts; Stands for supporting the roller framework
 - 45/26 . . Draining boards; Feed or discharge boards; Stripping means
 - 45/28 . . Belt arrangements for guiding the linen between the rollers
 - 47/00 Apparatus of the press type for expelling water from the linen**
 - 47/02 . by a mechanically-actuated ram
 - 47/04 . by a fluid-actuated ram
 - 47/06 . by a flexible diaphragm
 - 47/08 . Covers; Securing means therefor
 - 49/00 Domestic spin-dryers or similar spin-dryers not suitable for industrial use (centrifuges in general B04B)**
 - 49/02 . Bowl construction
 - 49/04 . Bowl drive
 - 49/06 . Mountings, e.g. resilient mountings, for the bowl or casings; Preventing or damping vibrations (damping vibrations in general F16F)
 - 49/08 . Liquid discharge arrangements
 - 51/00 Apparatus for expelling or draining water from the linen, not provided for in groups D06F 45/00 D06F 49/00**
 - 51/02 . by twisting
- Drying; Airing**
- 53/00 Clothes-lines; Supports therefor (drying frames incorporating clothes-lines D06F 57/00; supports or holders specially adapted or mounted for storing and repeatedly paying-out and restoring lengths of lines B65H 75/34; ropes, cables D07B)**
 - 53/02 . Clothes-lines
 - 53/04 . Supports, e.g. poles, props for clothes-lines (poles in general E04H)
 - 55/00 Clothes-pegs**
 - 55/02 . with pivoted clamping members
 - 57/00 Supporting means, other than simple clothes-lines, for linen or garments to be dried or aired (in combination with means for heating or positive air circulation D06F 58/00, F26B; adapted to retain the shape of particular articles being dried D06F 59/00; clothing hangers, e.g. suit hangers, A47G 25/14)**
 - 57/02 . mounted on pillar, e.g. rotatably
 - 57/04 . . and having radial arms, e.g. collapsible
 - 57/06 . comprising vertical members connected by horizontal bars
 - 57/08 . Folding stands (D06F 57/06 takes precedence)
 - 57/10 . . of the lazy-tongs type
 - 57/12 . specially adapted for attachment to walls, ceilings, stoves, or other structures or objects
 - 58/00 Domestic laundry driers (drying in general F26B) [2]**
 - 58/02 . having drier drums rotating about a horizontal axis [3]
 - 58/04 . . Details (controlling or regulating arrangements D06F 58/28) [3]
 - 58/06 . . . Mountings for the rotating drums [3]

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- 58/08 . . . Driving arrangements [3]
- 58/10 . Drying cabinets or drying chambers having heating or ventilating means [3]
- 58/12 . . having conveying means for moving clothes, e.g. along an endless track [3]
- 58/14 . . Collapsible drying cabinets; Wall mounted collapsible hoods [3]
- 58/16 . having heatable surfaces for contacting the laundry (D06F 59/00 takes precedence) [3]
- 58/18 . Detachable or door-mounted drying arrangements for washing machines [3]
- 58/20 . General details of domestic laundry driers (D06F 59/00 takes precedence) [3]
- 58/22 . . Lint collecting arrangements [3]
- 58/24 . . Condensing arrangements [3]
- 58/26 . . Heating arrangements, e.g. gas heating equipment (D06F 58/18 takes precedence) [3]
- 58/28 . . Controlling or regulating (controlling or regulating in general G05) [3]
- 59/00 Supports adapted to retain the shape of particular articles being dried, e.g. incorporating heating means**
- 59/02 . for garments
- 59/04 . . for gloves
- 59/06 . . for stockings
- 59/08 . for curtains, table cloths, or other articles of sheet form

Ironing; Pressing (smoothing by cold rolling D06F 45/00)

- 61/00 Ironing machines using two or more co-operating pressing rollers**
- 61/02 . with two rollers
- 61/04 . with three or more rollers one above the other
- 61/06 . with successive pairs of rollers
- 61/08 . with one central roller co-operating with a plurality of circumferential rollers
- 61/10 . with two or more central rollers co-operating with a plurality of circumferential rollers
- 63/00 Ironing machines having a roller or rollers coacting with a fixed or moving flat bed or table** (coverings or pads D06F 83/00)
- 63/02 . with two or more rollers co-acting with a fixed or moving flat bed or table
- 65/00 Ironing machines with rollers rotating against curved surfaces**
- 65/02 . with one roller only
- 65/04 . . the bed being urged against the roller by hand or foot
- 65/06 . . the bed being urged against the roller by power
- 65/08 . . the roller being urged against the bed
- 65/10 . with two or more rollers co-operating with two or more curved surfaces
- 67/00 Details of ironing machines provided for in groups D06F 61/00, D06F 63/00, or D06F 65/00** (coverings or pads for ironing or pressing members D06F 83/00)
- 67/02 . Rollers; Heating arrangements therefor
- 67/04 . Arrangements for feeding or spreading the linen
- 67/06 . Means for stripping the linen from the rollers
- 67/08 . Beds; Heating arrangements therefor [2]
- 67/10 . Driving arrangements [2]

- 69/00 Ironing machines not otherwise provided for**
- 69/02 . using endless or other ironing or pressing belts or aprons
- 69/04 . with relatively-sliding flat surfaces
- 71/00 Apparatus for hot-pressing clothes, linen, or other textile articles, i.e. wherein there is substantially no relative movement between pressing element and article while pressure is being applied to the article; Similar machines for cold-pressing clothes, linen, or other textile articles** (devices, for household use, for cold-pressing garments A47G)
- 71/02 . actuated wholly by hand or foot (D06F 71/08 takes precedence)
- 71/04 . power-actuated (D06F 71/08 takes precedence)
- 71/06 . . fluid-actuated
- 71/08 . wherein one or more of the pressing elements is moved laterally between successive pressing operations (laundry systems or arrangements of apparatus or machines D06F 95/00)
- 71/10 . . by movement about a vertical axis
- 71/12 . . by movement about a horizontal axis
- 71/14 . . by a rectilinear movement
- 71/16 . having a pressing element or buck adapted to provide interior support for a garment to be pressed (D06F 71/18 takes precedence)
- 71/18 . specially adapted for pressing particular garments or parts thereof (for pressing seams D06F 71/30)
- 71/20 . . for pressing shirts
- 71/22 . . for pressing collars
- 71/24 . . for pressing cuffs
- 71/26 . . for pressing shoulders or necks
- 71/28 . . for pressing sleeves, trousers, or other tubular garments or tubular parts of garments
- 71/29 . . . Trousers [4]
- 71/30 . specially adapted for pressing seams
- 71/32 . Details
- 71/34 . . Heating arrangements; Arrangements for supplying or removing steam or other gases
- 71/36 . . Pressing elements (for use in pressing particular garments or parts thereof D06F 71/18; coverings or pads therefor D06F 83/00)
- 71/38 . . Feeding arrangements (feeding by lateral movement of pressing elements D06F 71/08)
- 71/40 . . Holders or stretchers for the article to be pressed
- 73/00 Apparatus for smoothing or removing creases from garments or other textile articles by formers, cores, stretchers, or internal frames, with the application of heat or steam** (stretchers for drying purposes D06F 59/00; combined with external pressure means D06F 71/00; stretchers for use with presses D06F 71/40; dress forms for the tailoring trade A41H; garment stretchers without the application of heat A47G 25/00)
- 73/02 . having one or more treatment chambers [4]
- 75/00 Hand irons**
- 75/02 . Externally-heated hand irons; Hand irons internally heated by means other than electricity, e.g. by solid fuel, by steam
- 75/04 . . by pre-heated block
- 75/06 . . with means for supplying steam or liquid to the article being ironed (D06F 75/32 takes precedence)
- 75/08 . Hand irons internally heated by electricity
- 75/10 . . with means for supplying steam to the article being ironed (D06F 75/32 takes precedence)

- 75/12 . . . the steam being produced from water supplied to the iron from an external source
- 75/14 . . . the steam being produced from water in a reservoir carried by the iron
- 75/16 the reservoir being heated to produce the steam
- 75/18 the water being fed slowly, e.g. drop by drop, from the reservoir to a steam generator
- 75/20 . . . Arrangements for discharging the steam to the article being ironed
- 75/22 . . with means for supplying liquid to the article being ironed (D06F 75/10 takes precedence)
- 75/24 . . Arrangements of the heating means within the iron; Arrangements for distributing, conducting, or storing the heat (electric heating in general H05B)
- 75/26 . . Temperature control or indicating arrangements (thermally-actuated switches H01H)
- 75/28 . . Arrangements for attaching, protecting, or supporting the electric supply cable
- 75/30 . Hand irons of special external shape or form
- 75/32 . Attachments for converting hand irons to steam irons
- 75/34 . Handles; Handle mountings
- 75/36 . Casings
- 75/38 . Sole plates (D06F 75/20 takes precedence)
- 75/40 . Stands or supports attached to the iron
- 77/00 Arrangements for exerting pressure on, lifting, or guiding hand irons**
- 79/00 Accessories for hand irons**
- 79/02 . Stands or supports neither attached to, nor forming part of, the iron or ironing board
- 79/04 . Stoves or other heating means specially adapted for heating irons externally (stoves in general F24)
- 79/06 . Means, not forming part of the iron, for cooling the iron

- 81/00 Ironing boards** (coverings or pads therefor D06F 83/00; combined with tables, mounted in kitchen cabinets A47B; tables in general A47B; combined with ladders E06C)
- 81/02 . with collapsible underframe
- 81/04 . . with means for adjusting height
- 81/06 . attachable to independent supports, e.g. walls
- 81/08 . incorporating heating, steaming, or forced ventilation means
- 81/10 . Top board elements
- 81/12 . Sleeve boards; Attaching means therefor
- 81/14 . Means for attaching covers
- 83/00 Coverings or pads for ironing or pressing members**
- 85/00 Independent elements for interposition between the article and the ironing or pressing surface**

Other laundry apparatus or systems

- 87/00 Apparatus for moistening or otherwise conditioning the article to be ironed or pressed** (apparatus for smoothing or removing creases from garments or other textile articles by formers, cores, stretchers or internal frames, with the application of heat or steam D06F 73/00)
- 89/00 Apparatus for folding textile articles with or without stapling [4]**
- 89/02 . of textile articles to be worn, e.g. shirts [4]
- 91/00 Starching apparatus**
- 93/00 Counting, sorting, or marking arrangements specially adapted for laundry purposes**
- 95/00 Laundry systems or arrangements of apparatus or machines; Mobile laundries** (D06F 31/00 takes precedence; laundries as buildings E04H)