

SECTION D — TEXTILES; PAPER

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)

Note(s)

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.

Subclass index

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
Other drying.....	60/00
IRONING; PRESSING	
Ironing	
by hand:	
Irons; accessories; ironing boards.....	75/00, 77/00, 79/00, 81/00
by machine:	
using rollers; using rollers coacting with table; using rollers coacting 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	39/14	• • Doors or covers; Securing means therefor
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)	41/00	Rinsing apparatus
33/02	• electrically	43/00	Dry-cleaning apparatus using volatile solvents (D06F 9/00-D06F 41/00 take precedence)
33/04	• non-electrically	43/02	• having one rotary cleaning receptacle only
33/06	• • substantially mechanically	43/04	• having more than one rotary cleaning receptacle
33/08	• • substantially hydraulically	43/06	• wherein the articles to be cleaned are passed through a cleaning chamber or bath
33/10	• • substantially pneumatically	43/08	• Associated apparatus for handling and recovering the solvents (separate apparatus for purifying dry-cleaning solvents B01D)
35/00	Washing machines, apparatus, or methods not otherwise provided for	<u>Expelling water from the linen; Smoothing by cold rolling</u>	
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)	45/00	Wringing machines with two or more co-operating rollers; Similar cold-smoothing apparatus
37/02	• Rotary receptacles, e.g. drums	45/02	• wherein the pressure is transmitted by spring means
37/04	• • adapted for rotation or oscillation about a horizontal or inclined axis	45/04	• • with hand-operated quick-release means
37/06	• • • Ribs, lifters, or rubbing means forming part of the receptacle	45/06	• • with automatically-operated quick-release means
37/08	• • • Partitions	45/08	• wherein the pressure is applied by fluid means
37/10	• • • Doors; Securing means therefor	45/10	• with three or more co-operating rollers
37/12	• • adapted for rotation or oscillation about a vertical axis	45/12	• combined with washing machines
37/14	• • • Ribs or rubbing means forming part of the receptacle	45/14	• with means for removable attachment to washing machines, tables or other supports (combined with tables A47B)
37/16	• • • Partitions	45/16	• Details
37/18	• • • Doors or covers; Securing means therefor	45/18	• • Driving or control arrangements for rotation of the rollers
37/20	• Mountings, e.g. resilient mountings, for the rotary receptacle, motor, tub, or casing; preventing or damping vibrations (damping vibrations in general F16F)	45/20	• • Toggle or other lever means for transmitting pressure to the rollers
37/22	• • in machines with a receptacle rotating or oscillating about a horizontal axis	45/22	• • Rollers
37/24	• • in machines with a receptacle rotating or oscillating about a vertical axis	45/24	• • Frames guiding or housing the roller shafts; Stands for supporting the roller framework
37/26	• Casings; Tubs	45/26	• • Draining boards; Feed or discharge boards; Stripping means
37/28	• • Doors; Security means therefor	45/28	• • Belt arrangements for guiding the linen between the rollers
37/30	• Driving arrangements	47/00	Apparatus of the press type for expelling water from the linen
37/32	• • for rotating the receptacle at one speed only	47/02	• by a mechanically-actuated ram
37/34	• • • in opposite directions, e.g. oscillating	47/04	• by a fluid-actuated ram
37/36	• • for rotating the receptacle at more than one speed	47/06	• by a flexible diaphragm
37/38	• • • in opposite directions	47/08	• Covers; Securing means therefor
37/40	• • for driving the receptacle and an agitator or impeller, e.g. alternatively	49/00	Domestic spin-dryers or similar spin-dryers not suitable for industrial use (centrifuges in general B04B)
37/42	• Safety arrangements, e.g. for stopping rotation of the receptacle upon opening of the casing door	49/02	• Bowl construction
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	49/04	• Bowl drive
39/02	• Devices for adding soap or other washing agents	49/06	• Mountings, e.g. resilient mountings, for the bowl or casings; Preventing or damping vibrations (damping vibrations in general F16F)
39/04	• Heating arrangements	49/08	• Liquid discharge arrangements
39/06	• Arrangements for preventing or destroying scum	51/00	Apparatus for expelling or draining water from the linen, not provided for in groups D06F 45/00-D06F 49/00
39/08	• Liquid supply or discharge arrangements (supplying liquid detergent D06F 39/02)	51/02	• by twisting
39/10	• Filtering arrangements		
39/12	• Casings; Tubs		

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]
- 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
- 60/00 Drying not provided for in groups D06F 53/00-D06F 59/00 [2009.01]**

Ironing; Pressing

- 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** (smoothing by cold rolling between two or more co-operating rollers D06F 45/00; 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)