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 HAND IMPLEMENTS
FOR USE WITH HAND IMPLEMENTS
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

EXPPELLING 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 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
Hand rubbing apparatus (corrugated tub-walls D06F 1/04) 3/00
Rubbing boards 3/02
Hand rubbers, e.g. gloves with corrugated surfaces 3/04

Hand implements for washing purposes, e.g. sticks (hand rubbing appliances D06F 3/00; brushes A46B) 5/00
Plungers, dollys, pounders, squeezers, or the like 5/02
adapted for removable mounting on receptacles such as wash-tubs 5/04
Grippers 5/06

Washing devices adapted to be used independently of any particular receptacle, e.g. for removable mounting on wash-tubs, bath-tubs, or the like 7/00
of the rotary-impeller type 7/02
of the vibrator type 7/04
agitating the washing liquid by air 7/06

Washing machines having receptacles, stationary for washing purposes 11/00
Washing machines having 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 13/10
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) 15/00
wherein the articles being washed are squeezed by a flexible diaphragm or bag 15/02

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) 17/00
by pumps (D06F 17/04 takes precedence) 17/02
solely by water jets 17/04
by rotary impellers 17/06
Driving arrangements for the impeller 17/08
Impellers 17/10
solely by gases, e.g. air or steam, introduced into the washing liquid 17/12

Washing machines having receptacles, stationary for washing purposes, and having further drying means (details concerning drying only D06F 58/00) [3] 18/00

Washing machines using vibrations for washing purposes (devices of the vibrator type adapted to be used independently of any particular receptacle D06F 7/04) 19/00

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) 21/00
about a horizontal axis 21/02
within an enclosing receptacle 21/04
about a vertical axis 21/06
within an enclosing receptacle 21/08
about an inclined axis 21/10
the receptacle having a wobbling motion 21/12
with rubbing or beating means not secured to, or forming part of, the receptacle 21/14

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) 23/00
and rotating or oscillating about a horizontal axis 23/02
and rotating or oscillating about a vertical axis 23/04
and rotating or oscillating about an inclined axis 23/06

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) 25/00

Washing machines with receptacles moving bodily, e.g. reciprocating, swinging 27/00

Combinations of a washing machine with other separate apparatus in a common frame or the like, e.g. with rinsing apparatus 29/00
liquid-extracting apparatus (with roller wringer D06F 45/12) 29/02

Washing installations comprising an assembly of several washing machines or washing units, e.g. continuous flow assemblies 31/00

Controlling a series of operations in washing machines, e.g. programme-control arrangements for washing and drying cycles (D06F 31/00 takes precedence) 33/00
electrically 33/02
non-electrically 33/04
substantially mechanically 33/06
substantially hydraulically 33/08
substantially pneumatically 33/10

Washing machines, apparatus, or methods not otherwise provided for 35/00

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) 37/00
Rotary receptacles, e.g. drums 37/02
adapted for rotation or oscillation about a horizontal or inclined axis 37/04
Ribs, lifers, or rubbing means forming part of the receptacle 37/06
Partitions 37/08
Doors; Securing means therefor 37/10
adapted for rotation or oscillation about a vertical axis

Ribbs or rubbing means forming part of the receptacle

Partitions

Doors or covers; Securing means therefor

Mountings, e.g. resilient mountings, for the rotary receptacle, motor, tub, or casing; preventing or damping vibrations (damping vibrations in general F16F)

in machines with a receptacle rotating or oscillating about a horizontal axis

in machines with a receptacle rotating or oscillating about a vertical axis

Casings; Tubs

Doors; Security means therefor

Driving arrangements

for rotating the receptacle at one speed only

in opposite directions, e.g. oscillating

for rotating the receptacle at more than one speed

in opposite directions

for driving the receptacle and an agitator or impeller, e.g. alternatively

Safety arrangements, e.g. for stopping rotation of the receptacle upon opening of the casing door

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

Devices for adding soap or other washing agents

Heating arrangements

Arrangements for preventing or destroying scum

Liquid supply or discharge arrangements (supplying liquid detergent D06F 39/02)

Filtering arrangements

Casings; Tubs

Doors or covers; Securing means therefor

Dry-cleaning apparatus using volatile solvents

(D06F 9/00 D06F 41/00 take precedence)

having one rotary cleaning receptacle only

having more than one rotary cleaning receptacle

wherein the articles to be cleaned are passed through a cleaning chamber or bath

Associated apparatus for handling and recovering the solvents (separate apparatus for purifying dry-cleaning solvents B01D)

Wringing machines with two or more co-operating rollers; Similar cold-smoothing apparatus

wherein the pressure is transmitted by spring means

with hand-operated quick-release means

with automatically-operated quick-release means

wherein the pressure is applied by fluid means

with three or more co-operating rollers

combined with washing machines

with means for removable attachment to washing machines, tables or other supports (combined with tables A47B)

Details

Washing or draining water from the linen

Machines with a receptacle rotating or oscillating about a horizontal axis

Machines with a receptacle rotating or oscillating about a vertical axis

Casings; Tubs

Doors; Security means therefor

Driving arrangements

for rotating the receptacle at one speed only

in opposite directions, e.g. oscillating

for rotating the receptacle at more than one speed

in opposite directions

for driving the receptacle and an agitator or impeller, e.g. alternatively

Safety arrangements, e.g. for stopping rotation of the receptacle upon opening of the casing door

Apparatus of the press type for expelling water from the linen

by a mechanically-actuated ram

by a fluid-actuated ram

by a flexible diaphragm

Covers; Securing means therefor

Domestic spin-dryers or similar spin-dryers not suitable for industrial use (centrifuges in general B04B)

Bowl construction

Bowl drive

Mountings, e.g. resilient mountings, for the bowl or casings; Preventing or damping vibrations (damping vibrations in general F16F)

Liquid discharge arrangements

Apparatus for expelling or draining water from the linen, not provided for in groups D06F 45/00 D06F 49/00

by twisting

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)

Clothes-lines

Supports, e.g. poles, props for clothes-lines (poles in general E04H)

Clothes-pegs

with pivoted clamping members

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)

mounted on pillar, e.g. rotatably

and having radial arms, e.g. collapsible

comprising vertical members connected by horizontal bars

Folding stands (D06F 57/06 takes precedence)

of the lazy-tongs type

specially adapted for attachment to walls, ceilings, stove walls, or other supports or objects

Domestic laundry driers (drying in general F26B) [2]

having drier drums rotating about a horizontal axis [3]

Details (controlling or regulating arrangements D06F 58/28) [3]

Mountings for the rotating drums [3]
D06F

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]
58/20 . 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]

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
71/30 . . 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)

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)