

# CPC COOPERATIVE PATENT CLASSIFICATION

## D TEXTILES; PAPER

### TEXTILES OR FLEXIBLE MATERIALS NOT OTHERWISE PROVIDED FOR

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

#### D06F LAUNDERING, DRYING, IRONING, PRESSING OR FOLDING TEXTILE ARTICLES

##### NOTES

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](#).
  - treatment of textiles by purely chemical means, which is covered by subclasses [D06L](#), [D06M](#).

##### WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

##### 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
- 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](#))
- 5/005 . {[Receptacles for washing articles, e.g. hosiery, by shaking or squeezing](#)}
- 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](#))
- 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
- 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

<b>18/00</b>	<b>Washing machines having receptacles, stationary for washing purposes, and having further drying means</b> (control of washing or of washing and drying <a href="#">D06F 33/00</a> , <a href="#">D06F 34/00</a> ; domestic laundry dryers <a href="#">D06F 58/00</a> )	<b>33/00</b>	<b>Control of operations performed in washing machines or washer-dryers</b> ( <a href="#">D06F 31/00</a> takes precedence; details of control systems therefor <a href="#">D06F 34/00</a> ; control of operations performed in domestic laundry dryers <a href="#">D06F 58/32</a> )
<b>19/00</b>	<b>Washing machines using vibrations for washing purposes</b>		<b>NOTE</b>
<b>21/00</b>	<b>Washing machines with receptacles, e.g. perforated, having a rotary movement, e.g. oscillatory movement</b> (with receptacles serving both for washing and centrifugally separating water from the laundry <a href="#">D06F 23/00</a> , <a href="#">D06F 25/00</a> ; programme control aspects <a href="#">D06F 33/00</a> )		In this group, it is mandatory to add the indexing codes of groups <a href="#">D06F 2101/00</a> - <a href="#">D06F 2105/00</a> .
21/02	. about a horizontal axis	33/04	. non-electrically
21/04	. . within an enclosing receptacle	33/06	. . substantially mechanically
21/06	. about a vertical axis	33/08	. . substantially hydraulically
21/08	. . within an enclosing receptacle	33/10	. . substantially pneumatically
21/10	. about an inclined axis	33/30	. Control of washing machines characterised by the purpose or target of the control (controlling processes of washer-dryers <a href="#">D06F 33/50</a> )
21/12	. the receptacle having a wobbling motion		
21/14	. with rubbing or beating means not secured to, or forming part of, the receptacle	33/32	. . Control of operational steps, e.g. optimisation or improvement of operational steps depending on the condition of the laundry
<b>23/00</b>	<b>Washing machines with receptacles, e.g. perforated, having a rotary movement, e.g. oscillatory movement, the receptacle serving both for washing and for centrifugally separating water from the laundry</b> (with further drying means <a href="#">D06F 25/00</a> ; programme control aspects <a href="#">D06F 33/00</a> )	33/34	. . . of water filling
23/02	. and rotating or oscillating about a horizontal axis	33/36	. . . of washing
23/025	. . {with a rotatable imperforate tub}	33/37	. . . of metering of detergents or additives
23/04	. and rotating or oscillating about a vertical axis	33/38	. . . of rinsing
23/06	. and rotating or oscillating about an inclined axis	33/40	. . . of centrifugal separation of water from the laundry
23/065	. . {with a rotatable imperforate tub}	33/42	. . . of draining
<b>25/00</b>	<b>Washing machines with receptacles, e.g. perforated, having a rotary movement, e.g. oscillatory movement, the receptacle serving both for washing and for centrifugally separating water from the laundry and having further drying means, e.g. using hot air</b> (control of washing or of washing and drying <a href="#">D06F 33/00</a> , <a href="#">D06F 34/00</a> ; domestic laundry dryers <a href="#">D06F 58/00</a> )	33/43	. . Control of cleaning or disinfection of washing machine parts, e.g. of tubs
		33/44	. . Control of the operating time, e.g. reduction of overall operating time
<b>27/00</b>	<b>Washing machines with receptacles moving bodily, e.g. reciprocating, swinging</b>	33/46	. . Control of the energy or water consumption
<b>29/00</b>	<b>Combinations of a washing machine with other separate apparatus in a common frame or the like, e.g. with rinsing apparatus</b>	33/47	. . Responding to irregular working conditions, e.g. malfunctioning of pumps (safety arrangements <a href="#">D06F 37/42</a> )
29/005	. {the other separate apparatus being a drying appliance}	33/48	. . Preventing or reducing imbalance or noise
29/02	. with liquid-extracting apparatus (with roller wringer <a href="#">D06F 45/12</a> )	33/50	. Control of washer-dryers characterised by the purpose or target of the control
<b>31/00</b>	<b>Washing installations comprising an assembly of several washing machines or washing units, e.g. continuous flow assemblies</b>	33/52	. . Control of the operational steps, e.g. optimisation or improvement of operational steps depending on the condition of the laundry
31/005	. {consisting of one or more rotating drums through which the laundry passes in a continuous flow}	33/54	. . . of water filling
		33/56	. . . of washing
		33/57	. . . of metering of detergents or additives
		33/58	. . . of rinsing
		33/60	. . . of centrifugal separation of water from the laundry
		33/62	. . . of draining
		33/63	. . . of air flow, e.g. blowing air during the washing process to prevent entanglement of the laundry
		33/64	. . . . Unheated air
		33/65	. . . of conditioning or finishing phases, e.g. for smoothing or removing creases
		33/68	. . . of the sequence of washing and drying operations
		33/69	. . Control of cleaning or disinfection of washer-dryer parts, e.g. of tubs
		33/70	. . Control of the operating time, e.g. reduction of overall operating time
		33/72	. . Control of the energy or water consumption
		33/74	. . Responding to irregular working conditions, e.g. malfunctioning of pumps (safety arrangements for washing machines <a href="#">D06F 37/42</a> )
		33/76	. . Preventing or reducing imbalance or noise

**34/00 Details of control systems for washing machines, washer-dryers or laundry dryers****NOTE**

In this group, it is mandatory to add the indexing codes of groups [D06F 2101/00](#) - [D06F 2105/00](#).

- 34/04 . Signal transfer or data transmission arrangements
- 34/05 . . for wireless communication between components, e.g. for remote monitoring or control
- 34/06 . Timing arrangements
- 34/08 . Control circuits or arrangements thereof
- 34/10 . Power supply arrangements, e.g. stand-by circuits
- 34/14 . Arrangements for detecting or measuring specific parameters
  - 34/16 . . Imbalance
  - 34/18 . . Condition of the laundry, e.g. nature or weight
  - 34/20 . . Parameters relating to constructional components, e.g. door sensors
  - 34/22 . . Condition of the washing liquid, e.g. turbidity
  - 34/24 . . . Liquid temperature
  - 34/26 . . Condition of the drying air, e.g. air humidity or temperature
- 34/28 . Arrangements for program selection, e.g. control panels therefor; Arrangements for indicating program parameters, e.g. the selected program or its progress
- 34/30 . . characterised by mechanical features, e.g. buttons or rotary dials
- 34/32 . . characterised by graphical features, e.g. touchscreens
- 34/34 . . characterised by mounting or attachment features, e.g. detachable control panels or detachable display panels

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

- 35/001 . {using ozone}
- 35/002 . {using bubbles}
- 35/003 . {using electrochemical cells}
- 35/004 . {using chlorine generators}
- 35/005 . {Methods for washing, rinsing or spin-drying}
- 35/006 . . {for washing or rinsing only}
- 35/007 . . {for spin-drying only}
- 35/008 . . {for disinfecting the tub or the drum}

**37/00 Details specific to washing machines covered by groups [D06F 21/00](#) - [D06F 25/00](#)**

- 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
- 37/065 . . . . {ribs or lifters having means for circulating the washing liquid}
- 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
- 37/145 . . . . {ribs or lifters having means for circulating the washing liquid}
- 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
- 37/206 . . {Mounting of motor}
- 37/22 . . in machines with a receptacle rotating or oscillating about a horizontal axis
- 37/225 . . . {Damping vibrations by displacing, supplying or ejecting a material, e.g. liquid, into or from counterbalancing pockets}
- 37/24 . . in machines with a receptacle rotating or oscillating about a vertical axis
- 37/245 . . . {Damping vibrations by displacing, supplying or ejecting a material, e.g. liquid, into or from counterbalancing pockets}
- 37/26 . Casings; Tubs
- 37/261 . . {Tubs made by a specially selected manufacturing process or characterised by their assembly from elements}
- 37/262 . . . {made of plastic material, e.g. by injection moulding}
- 37/263 . . . {assembled from at least two elements connected to each other; Connecting or sealing means therefor}
- 37/264 . . {Tubs provided with reinforcing structures, e.g. ribs, inserts, braces}
- 37/265 . . {Counterweights mounted to the tub; Mountings therefor}
- 37/266 . . {Gaskets mounted between tub and casing around the loading opening}
- 37/267 . . {Tubs specially adapted for mounting thereto components or devices not provided for in preceding subgroups ([D06F 37/206](#) takes precedence)}
- 37/268 . . . {for suspension devices}
- 37/269 . . . {for the bearing of the rotary receptacle}
- 37/28 . . Doors; Security means therefor
- 37/30 . Driving arrangements ([control circuits or arrangements \[D06F 34/08\]\(#\)](#))
- 37/302 . . {Automatic drum positioning}
- 37/304 . . {Arrangements or adaptations of electric motors}
- 37/308 . . {Hydraulic or pneumatic speed control; Arrangements or adaptations of hydraulic or pneumatic motors}
- 37/32 . . for rotating the receptacle at one speed only {([D06F 37/304](#), [D06F 37/308](#) take precedence)}
- 37/34 . . . in opposite directions, e.g. oscillating
- 37/36 . . for rotating the receptacle at more than one speed {([D06F 37/304](#), [D06F 37/308](#) take precedence)}
- 37/38 . . . in opposite directions
- 37/40 . . for driving the receptacle and an agitator or impeller, e.g. alternatively {([D06F 37/304](#), [D06F 37/308](#) take precedence)}
- 37/42 . Safety arrangements, e.g. for stopping rotation of the receptacle upon opening of the casing door

**39/00 Details of washing machines not specific to a single type of machines covered by groups [D06F 9/00](#) - [D06F 27/00](#) ([control of washing machines \[D06F 33/00\]\(#\), \[D06F 34/00\]\(#\)](#))**

- 39/001 . {Arrangements for transporting, moving, or setting washing machines; Protective arrangements for use during transport ([transport in general \[B65\]\(#\)](#))}

- 39/006 . {Recovery arrangements, e.g. for the recovery of energy or water}  
(Frozen)

**WARNING**

Group [D06F 39/006](#) is no longer used for the classification of documents as of January 1, 2024.

The content of this group is being reclassified into groups [D06F 39/20](#) and [D06F 39/30](#).

Groups [D06F 39/006](#), [D06F 39/20](#) and [D06F 39/30](#) should be considered in order to perform a complete search.

- 39/007 . {Arrangements of water softeners}  
39/02 . Devices for adding soap or other washing agents  
39/022 . . {in a liquid state ([D06F 39/024](#) takes precedence)}  
39/024 . . {mounted on the agitator or the rotating drum; Free body dispensers}  
39/026 . . {the powder or tablets being added directly, e.g. without the need of a flushing liquid}  
39/028 . . {Arrangements for selectively supplying water to detergent compartments}  
39/04 . Heating arrangements  
39/06 . Arrangements for preventing or destroying scum  
39/08 . Liquid supply or discharge arrangements (supply of soap or other washing agents [D06F 39/02](#))  
39/081 . . {Safety arrangements for preventing water damage}  
39/082 . . . {detecting faulty draining operations, e.g. filter blockage, faulty pump}  
39/083 . . {Liquid discharge or recirculation arrangements}  
39/085 . . . {Arrangements or adaptations of pumps}  
39/086 . . . {Arrangements for avoiding detergent wastage in the discharge conduit}  
39/087 . . {Water level measuring or regulating devices}  
39/088 . . {Liquid supply arrangements}  
39/10 . Filtering arrangements  
39/12 . Casings; Tubs  
39/125 . . {Supporting arrangements for the casing, e.g. rollers or legs}  
39/14 . . Doors or covers; Securing means therefor  
39/20 . Arrangements for water recovery

**WARNING**

Group [D06F 39/20](#) is incomplete pending reclassification of documents from group [D06F 39/006](#).

Groups [D06F 39/006](#) and [D06F 39/20](#) should be considered in order to perform a complete search.

- 39/30 . Arrangements for energy recovery

**WARNING**

Group [D06F 39/30](#) is incomplete pending reclassification of documents from group [D06F 39/006](#).

Groups [D06F 39/006](#) and [D06F 39/30](#) should be considered in order to perform a complete search.

- 39/40 . Steam generating arrangements

**41/00 Rinsing apparatus****43/00 Dry-cleaning apparatus {or methods} using volatile solvents ([D06F 9/00](#) - [D06F 41/00](#) take precedence)**

- 43/002 . {Spotting apparatus}  
43/005 . {Solvent condition control devices, e.g. humidity content}  
43/007 . {Dry cleaning methods}  
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  
43/081 . . {Reclaiming or recovering the solvent from a mixture of solvent and contaminants, e.g. by distilling}  
43/083 . . . {Condensing arrangements}  
43/085 . . . {Filtering arrangements; Filter cleaning; Filter-aid powder dispensers}  
43/086 . . {Recovering the solvent from the drying air current}  
43/088 . . . {Condensing arrangements}

**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  
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**

- 49/003 . {Doors or covers; Safety arrangements}  
49/006 . {Rinsing arrangements}  
49/02 . Bowl construction  
49/04 . Bowl drive  
49/06 . Mountings, e.g. resilient mountings, for the bowl or casings; Preventing or damping vibrations  
49/08 . Liquid discharge arrangements



<b>51/00</b>	<b>Apparatus for expelling or draining water from the linen, not provided for in the preceding groups</b>	58/263	. . . {Gas heating equipment}
51/02	. by twisting	58/266	. . . {Microwave heating equipment}
<b>Drying; Airing</b>		58/30	. Drying processes (controlling a series of operations in domestic laundry dryers <a href="#">D06F 58/32</a> )
<b>53/00</b>	<b>Clothes-lines; Supports therefor (drying frames incorporating clothes-lines <a href="#">D06F 57/00</a>)</b>	58/32	. Control of operations performed in domestic laundry dryers (control of operations performed in washer-dryers <a href="#">D06F 33/50</a> ; details of control systems, e.g. for detecting or measuring specific parameters or for selection or indication of programs <a href="#">D06F 34/00</a> )
53/005	. {Accessories, e.g. line cleaning devices, line protectors, clothes-pin holders}	58/34	. . characterised by the purpose or target of the control
53/02	. Clothes-lines	58/36	. . . Control of operational steps, e.g. for optimisation or improvement of operational steps depending on the condition of the laundry
53/04	. Supports, e.g. poles, props for clothes-lines	58/38	. . . . of drying, e.g. to achieve the target humidity
53/045	. . {comprising means for storing the clothes-line}	58/40	. . . . Control of the initial heating of the drying chamber to its operating temperature
<b>55/00</b>	<b>Clothes-pegs</b>	58/42	. . . . by unheated air
55/02	. with pivoted {independent} clamping members	58/44	. . . . of conditioning or finishing, e.g. for smoothing or removing creases
<b>57/00</b>	<b>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 <a href="#">D06F 58/00</a>; adapted to retain the shape of particular articles being dried <a href="#">D06F 59/00</a>)</b>	58/45	. . . Cleaning or disinfection of machine parts, e.g. of heat exchangers or filters
57/02	. mounted on pillars, e.g. rotatably {(sockets or holders for poles or posts <a href="#">E04H 12/22</a> )}	58/46	. . . Control of the operating time
57/04	. . and having radial arms, e.g. collapsible	58/48	. . . Control of the energy consumption
57/06	. comprising vertical members connected by horizontal bars	58/50	. . . Responding to irregular working conditions, e.g. malfunctioning of blowers
57/08	. Folding stands ( <a href="#">D06F 57/06</a> takes precedence)	58/52	. . . Preventing or reducing noise
57/10	. . of the lazy-tongs type	<b>59/00</b>	<b>Supports adapted to retain the shape of particular articles being dried, e.g. incorporating heating means {(devices for retaining the shape of hats <a href="#">A42B 1/002</a>)}</b>
57/12	. specially adapted for attachment to walls, ceilings, stoves, or other structures or objects	59/02	. for garments
57/122	. . {for attachment by clamping between two retaining-planes}	59/04	. . for gloves
57/125	. . {for attachment to, or close to, the ceiling}	59/06	. . for stockings
57/127	. . {for attachment or suspension to central heating radiators}	59/08	. for curtains, table cloths, or other articles of sheet form
<b>58/00</b>	<b>Domestic laundry dryers</b>	<b>60/00</b>	<b>Drying not provided for in groups <a href="#">D06F 53/00</a> - <a href="#">D06F 59/00</a></b>
<b>NOTE</b>		<b>Ironing; Pressing</b>	
In this group, it is mandatory to add the indexing codes of groups <a href="#">D06F 2101/00</a> - <a href="#">D06F 2105/00</a> .		<b>61/00</b>	<b>Ironing machines using two or more co-operating pressing rollers</b>
58/02	. having dryer drums rotating about a horizontal axis	61/02	. with two rollers
58/04	. . Details (controlling or regulating devices <a href="#">D06F 34/00</a> )	61/04	. with three or more rollers one above the other
58/06	. . . Mountings for the rotating drums	61/06	. with successive pairs of rollers
58/08	. . . Driving arrangements	61/08	. with one central roller co-operating with a plurality of circumferential rollers
58/10	. Drying cabinets or drying chambers having heating or ventilating means	61/10	. with two or more central rollers co-operating with a plurality of circumferential rollers
58/12	. . having conveying means for moving clothes, e.g. along an endless track	<b>63/00</b>	<b>Ironing machines having a roller or rollers coacting with a fixed or moving flat bed or table (coverings or pads <a href="#">D06F 83/00</a>)</b>
58/14	. . Collapsible drying cabinets; Wall mounted collapsible hoods	63/02	. with two or more rollers co-acting with a fixed or moving flat bed or table
58/16	. having heatable surfaces for contacting the laundry ( <a href="#">D06F 59/00</a> takes precedence)	<b>65/00</b>	<b>Ironing machines with rollers rotating against curved surfaces</b>
58/18	. Detachable or door-mounted drying arrangements for washing machines	65/02	. with one roller only
58/20	. General details of domestic laundry dryers ( <a href="#">D06F 59/00</a> takes precedence)	65/04	. . the bed being urged against the roller by hand or foot
58/203	. . {Laundry conditioning arrangements}	65/06	. . the bed being urged against the roller by power
58/206	. . {Heat pump arrangements}		
58/22	. . Lint collecting arrangements		
58/24	. . Condensing arrangements		
58/26	. . Heating arrangements, e.g. gas heating equipment ( <a href="#">D06F 58/18</a> takes precedence)		

- 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)**
- 67/005 . {Stands or cabinets}
- 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
- 67/10 . Driving arrangements
- 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**
- 71/02 . actuated wholly by hand or foot (D06F 71/08 takes precedence)
- 71/023 . . {with an upper movable pressing member and a lower fixed pressing member}
- 71/026 . . . {the upper movable member rotating about a fixed axis}
- 71/04 . power-actuated (D06F 71/08 takes precedence)
- 71/043 . . {with an upper movable pressing member and a lower fixed pressing member (D06F 71/06 takes precedence)}
- 71/046 . . . {the upper movable member rotating about a fixed axis}
- 71/06 . . fluid-actuated
- 71/062 . . . {with an upper movable pressing member and a lower fixed pressing member}
- 71/065 . . . . {the upper movable member rotating about a fixed axis}
- 71/067 . . . . . {Fluid-control mechanisms for controlling the ironing pressure or the movement of the pressure member}
- 71/08 . wherein one or more of the pressing elements is moved laterally between successive pressing operations
- 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
- 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
- 71/285 . . . {for pressing sleeves}
- 71/29 . . . Trousers
- 71/295 . . . . {the top portion of trousers}
- 71/30 . specially adapted for pressing seams (specially adapted for pressing particular garments or parts thereof D06F 71/18)
- 71/32 . Details
- 71/323 . . {Protective devices, e.g. burn guards}
- 71/326 . . {Arrangements for producing a sliding or ironing movement between the pressing elements in closed position}
- 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 (combined with external pressure means D06F 71/00)**
- 73/02 . having one or more treatment chambers
- 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
- 75/243 . . . {using other than ohmic-resistance heating means, e.g. electrolytic or induction heating}
- 75/246 . . . {using infrared lamps}
- 75/26 . . Temperature control or indicating arrangements
- 75/265 . . . {Temperature indicating arrangements; Control knobs}
- 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**
- 77/005 . {using an electro-magnet or a permanent magnet in the iron or the ironing board}
- 79/00 Accessories for hand irons**
- 79/02 . Stands or supports neither attached to, nor forming part of, the iron or ironing board
- 79/023 . . {with means for supplying current to the iron}
- 79/026 . . . {for cordless irons}
- 79/04 . Stoves or other heating means specially adapted for heating irons externally
- 79/06 . Means, not forming part of the iron, for cooling the iron
- 81/00 Ironing boards (coverings or pads therefor [D06F 83/00](#); kitchen cabinets with ironing boards movable outwards to a position of use [A47B 77/10](#))**
- 81/003 . {with flat iron support}
- 81/006 . {with fabric support or garment rack}
- 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](#) {; devices used in combination with a laundry dryer [D06F 58/203](#)})**
- 89/00 Apparatus for folding textile articles with or without stapling**
- 89/005 . {Manual folding devices, e.g. for folding bed sheets ([D06F 89/02](#) takes precedence)}
- 89/02 . of textile articles to be worn, e.g. shirts
- 89/023 . . {of shirts}
- 89/026 . . . {Details, e.g. collar holders}
- 91/00 Starching apparatus**
- 93/00 Counting, sorting, or marking arrangements specially adapted for laundry purposes**
- 93/005 . {Marking arrangements}
- 95/00 Laundry systems or arrangements of apparatus or machines; Mobile laundries ([D06F 31/00](#) takes precedence)**
- 95/002 . {Baskets or bags specially adapted for holding or transporting laundry; Supports therefor}
- 95/004 . . {Bags; Supports therefor}

- 95/006 . . . {Bags for holding the laundry during washing ([D06F 5/005](#) takes precedence)}
- 95/008 . {Devices for keeping articles together during laundering, e.g. for keeping socks in pairs ([D06F 95/004](#) takes precedence); Devices for protecting or shielding certain parts of the articles during laundering, e.g. button protectors}

**Indexing scheme associated with groups [D06F 33/00](#), [D06F 34/00](#), [D06F 58/00](#)****2101/00 User input for the control of domestic laundry washing machines, washer-dryers or laundry dryers**

- 2101/02 . Characteristics of laundry or load
- 2101/04 . . Quantity, e.g. weight
- 2101/06 . . Type or material
- 2101/10 . Spin speed
- 2101/12 . Washing temperature
- 2101/14 . Time settings
- 2101/16 . Target humidity for the drying process, e.g. very-dry cycles
- 2101/18 . Target temperature for the drying process, e.g. low-temperature cycles
- 2101/20 . Operation modes, e.g. delicate laundry washing programs, service modes or refreshment cycles

**2103/00 Parameters monitored or detected for the control of domestic laundry washing machines, washer-dryers or laundry dryers**

- 2103/02 . Characteristics of laundry or load
- 2103/04 . . Quantity, e.g. weight or variation of weight
- 2103/06 . . Type or material
- 2103/08 . . Humidity
- 2103/10 . . . expressed as capacitance or resistance
- 2103/12 . . Temperature
- 2103/14 . Supply, recirculation or draining of washing liquid
- 2103/16 . Washing liquid temperature
- 2103/18 . Washing liquid level
- 2103/20 . Washing liquid condition, e.g. turbidity
- 2103/22 . . Content of detergent or additives
- 2103/24 . Spin speed; Drum movements
- 2103/26 . Imbalance; Noise level
- 2103/28 . Air properties
- 2103/30 . . Pressure
- 2103/32 . . Temperature
- 2103/34 . . Humidity
- 2103/36 . . Flow or velocity
- 2103/38 . Time, e.g. duration
- 2103/40 . Opening or locking status of doors
- 2103/42 . related to filters or pumps
- 2103/44 . Current or voltage
- 2103/46 . . of the motor driving the drum
- 2103/48 . . of the motor driving the pump
- 2103/50 . related to heat pumps, e.g. pressure or flow rate
- 2103/52 . related to electric heating means, e.g. temperature or voltage
- 2103/54 . related to blowers or fans
- 2103/56 . related to air ducts, e.g. position of flow diverters
- 2103/58 . related to condensation, e.g. condensate water level
- 2103/60 . related to auxiliary conditioning or finishing agents, e.g. filling level of perfume tanks
- 2103/62 . . related to systems for water or steam used for conditioning or finishing

- 2103/64 . Radiation, e.g. microwaves
- 2103/66 . . for treatment of laundry otherwise than by drying,  
e.g. using UV light
- 2103/68 . Operation mode; Program phase
- 2103/70 . Number of operational cycles
- 2105/00 Systems or parameters controlled or affected by  
the control systems of washing machines, washer-  
dryers or laundry dryers**
- 2105/02 . Water supply
- 2105/04 . . from separate hot and cold water inlets
- 2105/06 . Recirculation of washing liquids, e.g. by pumps or  
diverting valves
- 2105/08 . Draining of washing liquids
- 2105/10 . Temperature of washing liquids; Heating means  
therefor
- 2105/12 . Humidity or dryness of laundry
- 2105/14 . Temperature of laundry
- 2105/16 . Air properties
- 2105/18 . . Pressure
- 2105/20 . . Temperature
- 2105/22 . . Humidity
- 2105/24 . . Flow or velocity
- 2105/26 . Heat pumps
- 2105/28 . Electric heating
- 2105/30 . Blowers
- 2105/32 . Air flow control means
- 2105/34 . Filtering, e.g. control of lint removal devices
- 2105/36 . Condensing arrangements, e.g. control of water  
injection therefor
- 2105/38 . Conditioning or finishing, e.g. control of perfume  
injection
- 2105/40 . . using water or steam
- 2105/42 . Detergent or additive supply
- 2105/44 . Opening, closing or locking of doors
- 2105/46 . Drum speed; Actuation of motors, e.g. starting or  
interrupting
- 2105/48 . . Drum speed
- 2105/50 . Starting machine operation, e.g. delayed start or re-  
start after power cut
- 2105/52 . Changing sequence of operational steps; Carrying  
out additional operational steps; Modifying  
operational steps, e.g. by extending duration of steps
- 2105/54 . Changing between normal operation mode and  
special operation modes, e.g. service mode,  
component cleaning mode or stand-by mode
- 2105/56 . Remaining operation time; Remaining operational  
cycles
- 2105/58 . Indications or alarms to the control system or to the  
user
- 2105/60 . . Audible signals
- 2105/62 . Stopping or disabling machine operation