

This is the main heading for the technique or process involved in the cleaning of articles or surfaces *in situ* or in their position of use. Included are certain aspects of equipment used therein and, in Part C, certain applications relating to the cleaning of items within a predetermined localised cleaning environment. The heading is divided into three parts:

PART A

Cleaning windows, windscreens, lamp glasses, spectacles and like optical screens

Explanation of subject-matter of Part A and relationships with other headings

This heading is concerned with apparatus and methods for cleaning windows, windscreens, lamp glasses, spectacles and like optical screens.

Excluded are:

- . elements of screen cleaning apparatus for which provision exists in other headings—*See* such headings as;
 - B2F, Fluid discharge devices
 - E2F, Hinges &c
 - F1W, Fluid-pressure reciprocating machines
 - F2K, Linkwork; cams; Bowden mechanisms
 - F2Q, Gearing elements &c
 - H1N, Electric switches &c
 - H2A, Dynamo-electric machines &c
- . appliances for cleaning optical lenses (*other than* wipers mounted on or attached to eyepieces)—G2J, Optical apparatus &c
- . securing screen cleaner arms on shafts—F2U, Rollers, shafts &c
- . electric control of screen cleaning apparatus—G3N, Automatic electric control systems
- . control systems for electric driving motors (*other than* arrangements for cleaning vehicle screens using two motors operating respectively a wiper and a washer)—H2J, Electric motor operating arrangements; G3N, Automatic electric control systems

The exclusion references listed in this heading part are not exhaustive. Reference should be made to the appropriate general heading/s for processes, materials, elements or devices which may be more widely applicable than can appropriately be classified in this heading

Relationship with the Universal Indexing Schedules (heading U1S)

Since information is recorded in this heading largely by explicit or implicit reference to the use or application of the cleaning apparatus or method, U1S is of limited applicability to specifications classified here. It is however used in Part A to identify the nature of the surface cleaned when this is not a vehicle screen

Operative date for Key entries in Part A

The operative dates of the terms in this part of the heading are:

1. for terms annotated by a marginal code, that of the Edition corresponding to that code
2. for all other terms, that of Edition C

Part A—contClassifying Schedule

	structural and functional organisation of cleaning apparatus—
FAA	. associations of vehicle screen wiper systems and vehicle screen washer systems
	. vehicle screen wiper systems—
FAB	. . associations of wiper systems with vehicle parts (<i>other than</i> with screen washer systems)
FAC	. . associations of two or more wiper systems
	. . wiper drives and transmissions—
FADA	. . . providing <i>other than</i> simple arcuate or rotary blade movement
FADB	. . . providing simple arcuate blade movement, with the blade moved relative to the arm during sweep
FADC	. . . providing simple arcuate blade movement, with the blade stationary relative to the arm during sweep
FADD	. . . providing rotary blade movement, <i>ie</i> through at least 360°
FAE	. . wiper arms
FAF	. . connections between wiper arms and wiper blade assemblies
	. . wiper blade assemblies—
FAG	. . . blade harnesses (<i>including</i> backing strips)
FAH	. . . blades
FAJ	. . . associations of harnesses and blades
	. vehicle screen washer systems—
FAK	. . associations of washer systems with vehicle parts (<i>other than</i> with screen wiper systems)
FAL	. . washing fluid supply and delivery arrangements
	. . washing fluid supply, unit functions—
FAMA	. . . storage of washing fluid
FAMB	. . . pumping of washing fluid
FAMC	. . . heating of washing fluid
FAMD	. . . other (<i>including</i> combinations of unit functions classifiable by terms FAMA-FAMC)
FAN	. . washing fluid delivery, <i>eg</i> discharge of fluid from nozzles
FAP	. vehicle screen cleaning installations <i>other than</i> wiper and washer systems
FAQ	. cleaning installations for screens <i>other than</i> vehicle screens
n FAS	. hand held devices
FAR	. other apparatus for cleaning vehicle or other screens
	control of cleaning apparatus by means of structural associations of two or more (whether the same or different) of the following elements: fluid pressure devices, hydraulic devices, pneumatic devices, mechanical transmissions, mechanical linkages, electromagnets, electric motors and electric switches—
h FBA	. conjoint control of vehicle screen wiper systems and vehicle screen washer systems
FBG	. other control of vehicle screen wiper systems and/or vehicle screen washer systems
FBF	. other control

Indexing Schedule

	type of screen being cleaned—
	. vehicle screen—
F40	. . windscreen
F41	. . rear window
F42	. . lamp glass
F43	. . other
F49	. unmounted glass plates
F50	. spectacles, goggles and visors
F51	. windows in buildings
F52	. other, <i>eg</i> windows in instruments

PART B

Cleaning articles or surfaces *in situ*

Explanation of subject matter of Part B and relationships with other headings and Part A

This heading part is the main location for the technique or process involved in the cleaning of articles or surfaces *in situ* without modifying their position of use. Thus, for example, the articles or surfaces are not bodily moved into or out of a cleaning site or station, rather an independent cleaning head or operating tool is passed over the surface to be cleaned. Included are all aspects of mechanical cleaning techniques and also the use of general physical or chemical treatment techniques such as softening or dissolving

The heading part includes, primarily, cleaning applications relating to buildings, floors, walls, ceilings, subaqueous structures, ships, tanks, carpets, rugs, boots, shoes and buttons, but is incomplete for its nominal subject matter

Other cleaning applications are dealt with elsewhere: in Part A in respect of optical screens *eg* windows, windscreens, lamp glasses, spectacle lenses &c, and in other headings corresponding to the application or article to be cleaned. These are such headings as:

- A4V, Toiletry &c (*other than* pads but *including* sponges)
- A5R, Medical, dental and veterinary equipment &c (*other than* pads)
- A6D, Out-door sports &c (*including* bowling pins)
- B1D, Filtering and settling (*including* cleaning sedimentation tanks)
- B7J, Vehicle accessories &c
- C1C, Treating water, sewage &c
- E1G, Rail and road ways (*including* pneumatic machines and squeegees for cleaning roads and ways)
- F2N, Cleaning pipes and tubes (*including* mechanical cleaning of flues)

Affinitive subject matter

Affinity exists with headings concerned with manufacturing processes. Modification of a manufacturing process to incorporate a cleaning technique or a polishing apparatus adapted solely for use during manufacture or repair is dealt with elsewhere, *eg* A3B, Boots and shoes, although a cleaning apparatus or technique of more general interest may also be dealt with here

Affinity also exists with headings concerned with elements of cleaning equipment *per se*. As well as various ancillary elements, such as pumps and filters, some elements directly concerned with the cleaning function are also dealt with elsewhere *eg* A4K, Brushes &c

Non-cleaning applications of constructions which may also be used for cleaning are also affinitive subject matter and are found in headings relating to the application *eg* squeegees used for coating—*See* headings: C7F, Coating with metals, inorganic compounds &c; B2L, Coating apparatus

Associations with non-cleaning subject matter (term FC)

Classified here are general associations of cleaning with non-cleaning subject matter. Localised functional and constructional associations are found elsewhere in this heading part, *See* terms FE- and FH-. Aspects of interest concerning the particular associated matter *per se* are dealt with in other headings such as:

- A4A, Portable vessels, table articles &c (*including* permanently attached scrapers)
- B8D, Portable containers &c

Combinations of different cleaning techniques or processes (term FFA)Systems (term FK)

Classified here are disclosures relating to the alternative operation of diverse functional aspects or cleaning techniques

Cleaning involving entrainment of waste material in a moving fluid stream (terms FSSA - FGH)

The majority of the subject matter of this Part of the heading concerns devices and methods for cleaning involving entrainment of waste material in a moving stream in order to convey it to a collection point. The principle example is suction cleaners, commonly known as vacuum cleaners. Also included are suction cleaners adapted for taking up liquids

The subject matter is organised as follows:

PART B—cont. Overall shape or organisation (terms FSS-)

Classified here are arrangements characterised by the overall shape or organisation, or mode of use, of a complete cleaning machine. Such arrangements will often be specific to a particular application or mode of use, for example permanently installed *eg* in a building or vehicle, portable *eg* hand held, or for use underwater *eg* for swimming pools

. With ability to take up liquids (terms FSL-). Constructional aspects (terms FSCW-FSCX)

Classified here are disclosures concerning constructional aspects *other than* to provide a functional aspect, *See* terms FF-. Constructional features of general interest outside the application to cleaning are dealt with elsewhere in headings for such elements, such as the various F2-headings. Also excluded are cable reels, B8M, Reels &c

. Control, command or monitoring systems (terms FCC-)

Classified here are aspects of control, command and monitoring systems which involve a close association with or modification of the cleaning apparatus, technique or process. General controlling methods and techniques are dealt with in other headings, such as:

- G3N, Automatic electric control systems
 - G3T, Timing; date indicating
 - G4N, Supervisory, alarm and safety systems
- and elsewhere according to the mechanism they specifically control

. Functional aspects (terms FF-)

Classified here are disclosures concerned with functional (mainly perfecting) aspects localised in the operation of the cleaning equipment and ancillary to the cleaning technique or process carried out. Aspects of interest concerning the particular functional subject matter *per se* are dealt with in other headings such as:

- A4A, Portable vessels, table articles &c (for crumb trays)
- A4G, Bags, baskets, cases &c (for handles and fixings therefor)
- A4K, Brushes &c (for means for driving hand supported brushes, mops and pads, together with pads of conventional construction attached to brushes and reservoir or self feeding arrangements therefor)
- B1J, Ion exchange (for water softeners *per se*)
- B1T, Separating particles from gases (for arrangements of filters and depositing)
- B2F, Fluid discharge devices (for nozzles and spray producers)
- B4K, Handles &c
- B4W, Gripping-tools &c (for manually operated picking up tools)
- F1R, Raising and discharging liquids &c
- F1W, Fluid pressure reciprocating machines (for bellows)
- F4X, Gas distribution, liquid heating vessels &c (for confining expelling and removing dust, fluff and like waste products in industrial processes *eg* hoods and casings for collecting and conveying away fumes from manufacturing operations; and pneumatic cleaning in general)

. Generating the fluid flow (terms FG-)

Classified here are disclosures characterised by the method or means for generating the fluid flow

Other devices and methods for cleaning (terms FQ-)

Classified here are other devices and methods for cleaning involving the use of techniques as specified in the schedule. Excluded techniques are dealt with in other headings such as:

- B3D, Abrading (for rotary polishing buffs, wheels and mops)
- B4B, Cutting &c (for hand scrapers for working metal, wood or stone and for removing wallpaper, paint and the like)
- C4V, Abrasive materials (for abrasive articles characterised by their composition)
- C5D, Cleansing-materials &c
- D1A, Laundering &c (for hand rubbing-appliances, *other than* pads, for laundry cleaning)
- D1P, Treating textiles &c (for cleaning not dependent on the use of a particular apparatus)
- D1T, Ropes &c (for carpet-beating ropes)
- F2N, Cleaning pipes and tubes (brushing, scraping and like apparatus for mechanically removing encrustation from surfaces)

PART B—contApparatus and methods characterised by the nature of the article or structure to be cleaned (terms FN-)

Classified here are disclosures of apparatus and methods characterised by the nature of the article or structure to be cleaned as specified in the schedule

Cleaning buildings or vehicles where the arrangement is permanently installed, or for cleaning in submerged environment, *eg* swimming pools, *and* involving entrainment of waste material in a moving fluid stream in order to convey it to a collection point are dealt with under terms FQ- *above*

Manufacture of mops &c (term FM)

Classified here are disclosures relating to apparatus and methods for making mops, dusters and non-roller type squeegees. Manufacturing methods of general interest are dealt with in other headings according to the particular manufacturing technique involved

The exclusion references listed in this heading part are not exhaustive. Reference should be made to the appropriate general heading/s for processes, materials, elements or devices which may be more widely applicable than can appropriately be classified in this heading

Relationship with the Universal Indexing Schedules (heading UIS)

Since information is recorded in this heading largely by explicit or implicit reference to the use or application of the cleaning apparatus or method, UIS is of limited applicability to specifications classified here. It is however used in Part B to identify the object cleaned

Operative date for Key entries in Part B

The operative dates of the terms in this Part of the heading are:

1. for terms annotated by a marginal code n, that of Edition N
2. for all other terms, Edition H

PART B—contClassifying Schedule

. *See also* Indexing Schedules 2, 3, 4 and 5

- FC associations with subject matter external to the scope of this part of the heading
See also Indexing Schedule 1
- FFA combinations of different cleaning techniques or processes
. suction cleaners including beater or brush elements and/or means for supply of liquid cleaning medium—*See* terms FSND—FSNS below
. *See also* Indexing Schedule 1
- FK systems *ie* apparatus or methods involving the alternative use of selected functional aspects and/or cleaning techniques in independent, different operations
See also Indexing Schedule 1
- devices and methods for cleaning involving entrainment of waste material in a moving fluid stream in order to convey it to a collection point, *eg* suction cleaners (*including* suction cleaners adapted for taking up liquids)—
. characterised by overall shape or organisation or mode of use—
n FSSA . . . permanently installed, *eg* in building, vehicle
n FSSB . . . portable, *eg* hand-held
n FSSC . . . specially adapted for use underwater, *eg* for cleaning swimming pools
n FSSX . . . other than the above
. with ability to take up liquids—
. for use under water—*See* term FSSC above
n FSLA . . . characterised by liquid cleaning agent supply means
. . . nozzles comprising liquid supply means—*See* term FSNS below
n FSLX . . . other than the above
. . . monitoring liquid level and control in response thereto—*See* terms FCCB, FCCX below
. constructional aspects—
. . . body, wall, casing—
n FSCW . . . outer body, wall or casing, *including* supporting structure therefor and modification thereof, *eg* to provide ducts
n FSCA . . . localised access into equipment, *eg* for loading, emptying, servicing, tool storage
n FSCM . . . external mounting, holding or clamping of tools, hoses or the like in use or for storage
n FSCS . . . cable stowage
n FSCH . . . suction hoses, connectors and the like (affinity exists with F2P, F2G)
. . . driving or braking mechanisms—
n FSDM . . . motor
n FSDT . . . transmission
n FSDX . . . other
. . . nozzles, characterised by arrangement of—
n FSND . . . driven brushes or agitators
. . . . driven beater or brush elements *per se*—*See* term FSCB below
n FSNF . . . fixed brushes or the like, *including* adjustably fixed
n FSNB . . . blowing means
n FSNS . . . supply means for cleaning fluid
n FSNX . . . other characterising arrangements
. . . . nozzles designed specifically for cleaning the surfaces of venetian blinds and the like—*See* term FNV below
n FSCB . . . driven beater and brush elements *per se*
n FSCT . . . transport of the equipment, *eg* arrangement and disposition of wheels, *including* height adjustment
n FSCX . . . other than the above
. control, command or monitoring systems—
n FCCA . . . commanding operation without sensing any property, *eg* by time or manual switching
n FCCB . . . control involving sensing a variable condition, *eg* full dust receptacle, fault conditions
n FCCX . . . other, *including* monitoring without involving any control aspect
. functional aspects—
n FFC . . . limiting the cleaning region, *eg* by protectors, or guards surrounding the cleaned item (cleaning articles or surfaces within a predetermined cleaning environment, *See* Part C)
n FFD . . . means for separating entrained material from fluid stream, including mounting means for filter bags or the like
n FFE . . . sound proofing, silencing or inhibiting vibration
n FFF . . . additional conditioning or treatment of the cleaned article or surface, or of the exhaust air, *eg* sterilising
. characterised by the method or means for generating the fluid flow—
. . . *See also* Indexing Schedule 3
n FGE . . . kind or type of exhauster mechanism
n FGH . . . flow induced in collection duct by introduction of fluid at higher pressure
- other devices and methods for cleaning involving the use of—
. characterised by the nature of the article or structure to be cleaned—*See* terms FN—below
n FQAB . . . absorption
. . . pads, cloths and the like—*See* term FQP below

PART B—contClassifying Schedule—cont

n	FQAD	. adhesion, <i>eg</i> devices involving the use of adhesive coated surfaces . brushing, combing, polishing, scraping, wiping, and like mechanical manipulation . . devices specially adapted for clearing rainwater guttering— <i>See</i> term FNG below . . hand implements—
n	FQP	. . . pads, cloths and the like, <i>including</i> glove like articles and articles containing cleaning agents
n	FQH	. . . other hand implements . . mops and the like—
n	FQMW	. . . comprising self-wringing means . . . mop wringing devices— <i>See</i> Part C
n	FQMX	. . . other than the above
n	FQFS	. . floor sweeping machines . . mechanical scrubbing or polishing machines—
n	FQSS	. . . characterised by cleaning-fluid supply means
n	FQSC	. . . characterised by means to collect used cleaning fluid, <i>eg</i> by suction subject matter of interest to suction cleaning <i>per se</i> is classified under the relevant term above
n	FQSP	. . . characterised by the scrubbing or polishing elements, or their mounting or drive arrangements
n	FQSX	. . . other characterising feature
n	FQBX	. . other than the above
n	FQDP	. collection by means of manually positioned trays or containers, <i>eg</i> dustpans . a directed moving fluid, <i>other than</i> where material is transported to a collection point by entrainment in a moving fluid—
n	FQL	. . with liquids, <i>eg</i> spraying
n	FQG	. . with gases, <i>eg</i> blowing, <i>including</i> gases with entrained solids
n	FQX	. other than the above
		apparatus and methods characterised by the nature of the article or structure to be cleaned— . <i>See also</i> Indexing Schedule 1
n	FNB	. cleaning outer surfaces of buildings, bridges and other macroscopic structures
n	FNG	. clearing débris from roof gutters
n	FNS	. cleaning submerged surfaces . . by suction— <i>See</i> term FSSC above
n	FNT	. cleaning toilet bowls
n	FNV	. cleaning venetian blinds and the like
n	FNX	. other than the above
	FM	apparatus and methods for making mops, dusters and non-roller type squeegees . constructional aspects— <i>See</i> terms FQMW, FQMX above

PART B—contIndexing schedule 1 (cleaning techniques or processes)Note:

Terms from this schedule are applied in a discretionary manner following the use of any one of classifying terms FC, FFA, FK, FN-

- mechanical—
- FFB101 . brushing, scrubbing, sweeping or beating
 FFB104 . scraping or combing
 FFB126 . other mechanical manipulation, *including* shaking or rubbing
- fluid—
- FFB201 . jetting with gases, *eg* blowing (*including* with entrained solids)
 FFB202 . jetting with liquids, *eg* spraying, *other than* merely supply of cleaning medium (*including* with entrained solids)
 . . supply of cleaning medium—*See* terms FEA13 to FEA19 *below*
 FFB203 . picking up by suction
 FFB226 . other fluid manipulation
- FFB300 thermal, *eg* thermal softening or burning
- FFB400 sonic or ultrasonic
 . shaking—*See* term FFB126 *above*
- FFB500 chemical *eg* chemical softening, decomposition or dissolving
- FFB999 other cleaning techniques or processes

Indexing schedule 2 (functional aspects)Notes:

1. If one of classifying terms FFC, FFE or FSCA is assigned, the equivalent term from this schedule is not applied
2. Terms are otherwise applied in a discretionary manner throughout

- supply of cleaning medium—
- FEA13 . sprinkling or spraying
 FEA14 . foaming
 FEA19 . other, *including* dispensing by entrainment
- transfer *ie* transporting or depositing of removed detritus, *including* excess cleaning medium—
- . suction—
- . . . picking up—*See* term FFB203 in Indexing schedule 1
- . . . carrying—
- hose or tube modification
 FEB11 . . . other
 FEB14 . . . depositing—
- FEB15 . . . separating liquid component
 FEB19 . . . other
 FEB99 . others, *including* adhesion or absorption
- transport or movement of equipment—
- FEF11 . handles or hand holes
 FEF12 . wheels, skids or runners
 FEF13 . ground effect
 FEF99 . other
- conditioning and treatment *other than* by cleaning—
- FEK31 . disinfecting or deodorising
 FEK99 . other
- FEL10 soundproofing, silencing or inhibiting vibration
- FEM10 localised access into cleaning equipment *eg* for loading, emptying, servicing, tool or cable storage &c

Indexing schedule 2—cont

- maintaining the position of cleaning equipment *eg* by holding or clamping—
- FEN11 . with respect to item(s) to be cleaned
 FEN21 . with respect to other structures *eg* charger, storage racks
- FEP10 limiting the cleaning region *eg* by protectors surrounding the cleaned item
- FEX10 other functional aspects, *including* illuminating the cleaning region

Indexing schedule 3

Note: Terms from this schedule are applied in a discretionary manner throughout

- kinds and types of exhauster in vacuum apparatus—
- FHC11 . bellows
 FHC12 . ejector, jet pump or venturi effect
 FHC13 . fan
 FHC14 . flexible diaphragm
 FHC15 . reciprocating piston
 FHC99 . other

Indexing schedule 4

Note: Terms from this schedule are applied in a discretionary manner throughout

- control, command or monitoring system—
- . commanding operation without sensing any property—
- FG11 . . remote switching
 FG19 . . other
- . control of normal operation by sensing a variable condition, the sensed condition being—
- FG21 . . suction pressure difference
 FG22 . . brush wear
 FG29 . . other
- . sensing abnormal operation, the sensed condition being—
- FG31 . . reduction of suction pressure
 FG32 . . detritus store condition, *other than above*
 FG33 . . overheating
 FG39 . . other

Indexing schedule 5 (type of equipment)

Note: Terms from this schedule are applied in a discretionary manner throughout

- FD11 held or carried by operator during cleaning
 FD12 propelled by operator during cleaning *eg* by travelling wheels &c
 FD13 transportable but stationary during cleaning, *other than above*
 FD14 self propelled
 FD15 permanently installed *eg* in buildings

PART C

Cleaning articles or surfaces within a predetermined localised cleaning environment

Explanation of subject matter of Part C and relationships with other headings

This heading part is incomplete for its nominal subject matter and includes the following specific subject matter:

- . cleaning and polishing boots and shoes
- . cleaning bottles, jars and other hollow-ware and hollow cylindrical vessels and articles (*including* cleaning corks and stoppers)
- . cleaning tableware and shallow vessels *other than* tableware
- . cleaning vehicles, *including* railway carriages
- . certain other subjects as listed in the schedule
- . other subjects not of interest to any other headings

Excluded are:

- . cleaning oven trays and plates—A4D, Cooking apparatus &c
- . cleaning bed pans and chamber pots—A4N, Baths, basins &c
- . door mats—A4S, Domestic covers and screens
- . cleaning hollow-ware by abrading—B3D, Abrading
- . cleaning in association with the filling or emptying of containers—B8T, Bottling, stoppers &c
- . cleaning pipes and tubes; mechanically removing incrustation—F2N, Cleaning pipes and tubes

The exclusion references listed in this heading part are not exhaustive. Reference should be made to the appropriate general heading/s for processes, materials, elements or devices which may be more widely applicable than can appropriately be classified in this heading

Note on scope of Part C

Part C of this heading includes subject-matter to be found prior to Edition J in heading B8T. Bottling, stoppers &c and concerning the cleaning of bottles, jars and other hollow-ware and hollow cylindrical vessels and articles. This subject-matter is identified by codes derived by adding the prefix F to the codes of the superseded heading, *eg* code FT21 in this heading corresponds to Code T21 in heading B8T in earlier Editions

Operative dates for Key entries in Part C

The operative dates of the terms in this Part of the heading are:

1. for all terms annotated by a marginal code, that of the Edition corresponding to that code
2. for other terms, earlier than that of Edition A

General classifying and searching note

Part C is provided with a single Indexing Schedule. Many of the FT- terms have only been assigned to those features with which novelty is associated, and thus in general it is not possible to combine these terms for searching. The remaining terms in Part C have been used in non-discretionary manner and may be combined for search purposes

Indexing schedule

cleaning and polishing boots and shoes—

- . pads, revivers, and other rubbing and polishing appliances. *See* particular cleaning technique employed in Part B

F3

- . apparatus other than machines, comprising scrapers and brushes and pads supported and arranged for cleaning boots and shoes moved by the foot

F2

- . brushless scrapers for boots and shoes, held and moved by hand and foot

F1

- . machines

F5X2

- . shoeblack's installations

washing and otherwise cleaning bottles, jars, and other hollow-ware and hollow cylindrical vessels and articles (*including* subsequent drying and non-abrasive polishing; *and* treatment of corks and stoppers)—

- . anti-breakage feeding and delivery apparatus. *See* terms FT23—A, FT26—A *below*
- . dish-washing machines capable of cleaning hollow-ware *eg* glasses in conjunction with other articles such as plates and dishes—*See* F29A- terms *below* as appropriate
- . hand implements—*See* term F29B *below* and particular cleaning technique employed in Part B

j

FT21

- . apparatus for removing foil and labels from vessels mechanically
- . apparatus, (*other than* brushing, and like rubbing apparatus, and machines for treating articles on endless chain and like conveyors, or reciprocating carriers, and on rotary drums, frames, and tables) for rinsing, scouring, steaming, and drying, with lateral movement of vessels restricted by—

j

FT22A1

- . . frames or holders

j

FT22A2

- . . hand, gravity, and internal supports solely
- . brushing and like rubbing apparatus (*other than* apparatus for treating articles on endless chain and like conveyors, or on rotary drums, frames, and tables)—

PART C—cont

Indexing schedule—cont

- .. internal brushes, securing to holders and flexibly mounting. *See* internal brushes, securing &c
 - .. rotating chains and other substitutes for brushes. *See* rotating chains &c
- j FT23A .. anti-breakage feeding and delivery apparatus
- j FT23B .. corks and stoppers, cleaning
- .. treating vessels with axes inclined and horizontal—
 - ... vessels not rotated positively
- j FT23C1 .. vessels rotated positively
- j FT23C2 .. treating vessels with axes substantially vertical
- j FT23D .. crates and like holders for vessels being cleaned (*including* holders for single vessels described without reference to any specific machine or cleaning operation)
- j FT24 .. internal brushes, securing to holders and flexibly mounting
- .. machines for treating articles on endless chain and like conveyers and on rotary drums, frames, and tables—
 - .. anti-breakage feeding and delivery apparatus
 - .. corks and stoppers, cleaning
 - .. with drums, frames, wheels, and worms rotating about substantially horizontal axes—
 - ... brush-carrying frames rotating around a single centrally-placed vessel. *See* terms FT23- *above*
 - ... hollow drums packed with vessels in contact
 - ... hollow drums for cleaning corks and stoppers. *See* term FT26B *above*
 - ... supporting vessels otherwise than in crates and by pockets, shelves, and recesses not containing cleaning-apparatus—
 - ... non-radially to horizontal axis
 - ... radially to horizontal axis
 - ... treating vessels in crates and other multiple holders *other than* drums
 - ... vessels supported by pockets, shelves, and recesses not containing cleaning apparatus
 - ... vessels traversed from end to end of drums and worms
 - .. with endless chain and like conveyers—
 - ... feeding vessels from end to end of rotating drums. *See* term FT26C5 *above*
 - ... vessel holders permanently attached or positively connected to conveyer
 - ... vessels or holders not positively connected to conveyer (*including* rows of crates advanced by reciprocating pushers, by hand, and by gravity)
 - .. with frames and tables rotating about substantially vertical axes—
 - ... treating vessels while substantially upright or inverted—
 - ... vessels moved at constant level—
 - ... with axial rotation of vessel
 - ... without axial rotation of vessel
 - ... vessels not moved at constant level
 - ... treating vessels with axes substantially horizontal
- j FT26C2A .. machines having reciprocating carriers supporting vessels for treatment *otherwise than* by brushing-apparatus
- j FT26C2B .. miscellaneous—
- j FT26C3 .. ball-stoppered vessels, special means for treating
- j FT26C4 .. burning off organic matter
- j FT26C5 .. cleaning agents, applications of special fluids for use as
- j FT26D1 .. cleaning nozzles and nipples for feeding animals
- j FT26D2 .. lubricating passages, channels, and reservoirs in machines
- .. rotating chains, and other substitutes for brushes (*other than* granular abrading agents and mops, pads, and squeegees)
- .. washing and otherwise cleaning plates, dishes and other shallow vessels, and table crockery (*including* washing knives, forks, and spoons)—
 - .. apparatus consisting of a hand implement only—*See* term F29B *below*
 - .. apparatus intended solely for washing glasses *eg* for bar use—*See* FT- terms *above* as appropriate
 - .. apparatus for cleaning—
 - ... by brushing and rubbing—
 - ... kinds or types of brushes and rubbing-devices—
 - ... fixed
 - ... movable—
 - ... other than rotatably
 - ... rotatably
 - ... of disc type
 - ... of other than disc type
 - ... single brush or rubbing-device only
 - ... unclassified
 - .. by circulating and agitating cleaning liquid in washing-chamber by—
 - ... flow of air, gas, or steam therein
 - ... injecting liquid
 - ... movement of articles being cleaned
 - ... movement of washing-chamber
 - ... rotary impellers—
- F29A1A1A
- F29A1A1B1
- F29A1A1B2
- F29A1A1C
- F29A1A1D
- F29A1A1E
- F29A1AX
- F29A1B1
- F29A1B2
- F29A1B3
- F29A1B4

Part C—cont

Indexing schedule—cont

- F29A1B5A1 comprising impellers—
- F29A1B5A2 of paddle wheel type
- F29A1B5A3 portable
- F29A1B5X two or more
- F29A1B6 unclassified
- F29A1B6 ultrasonic and other vibrations
- F29A1BX unclassified means
- F29A1C by immersion
- F29A1C *Apparatus for cleaning by treatments specified above or below and involving incidental immersion is not indexed here*
- F29A1D by impingement of particulate solids
- F29A1D by jets or sprays of cleaning liquid—
- F29A1E1A jet or spray means movable—
- F29A1E1A other than rotatably
- F29A1E1A rotatably—
- F29A1E1B1 comprising a rotary impeller
- F29A1E1B2 of reaction type
- F29A1E1BX unclassified
- F29A1E2 jet or spray means stationary
- F29A1E3 jet or spray means unspecified
- F29A1E3 specially provided with spray deflectors—
- F29A1E4A movable
- F29A1E4B stationary
- F29A1F by treatment with steam or other vapour
- F29A1F comprising—
- F29A2A automatic operational control means
- F29A2B conveyors for articles to be cleaned
- F29A2C devices for comminuting solid waste
- F29A2C devices for heating cleaning liquid—
- F29A2D1 by electricity
- F29A2D2 by steam or hot gas
- F29A2D3 with temperature regulating means
- F29A2DX unclassified and unspecified
- F29A2DX means for adding disinfectant, soap, and other detergent to cleaning liquid—
- F29A2E1 fluid additive
- F29A2E2 solid additive
- F29A2F means for drying articles
- F29A2G vented washing-cabinets
- F29A2H water softeners
- F29A2H dish holders and supports—
- F29A2H other than rotary—
- F29A3A1 reciprocated mechanically
- F29A3A2 wheel or roller mounted
- F29A3AX unclassified
- F29A3B rotary
- F29A3B draining systems—
- F29A3B arrangement and disposition of strainers for solid waste. *See term F29A5 below*
- F29A3B with devices for comminuting solid waste. *See term F29A2C above*
- F29A4B with means for pumping to drain
- F29A4X unclassified
- F29A5 strainers for solid waste, arrangement and disposition of
- F29B hand implements for cleaning (*including* pan-scrapers)
- F29B dish cloths, scouring-pads, mops, and like cleaning appliances. *See particular cleaning technique employed in Part B*
- F29B miscellaneous—
- F29X1 cleaning by foam
- F29X2 rinsing with special liquids
- n FJ110 washing and otherwise cleaning vehicles, *including* railway carriages
- F36 brushes. *See A4K, Brushes &c*
- F37 cleansing-compositions. *See C5D, Cleansing-materials &c*
- F38 crop and garden liquid sprayers and sprinklers. *See A1D, Manuring sowing &c*
- F38 platforms. *See E1S, Building-appliances &c*
- F38 spray producers and sprinklers. *See B2F, Fluid discharge-devices*
- h F30X wringers for scouring pads, mops, or the like
- F30X cleaning paint rollers, brushes or the like
- F30X shakers for dust cloths or mops; bumpers therefor
- F30X other