

CPC**COOPERATIVE PATENT CLASSIFICATION****A47K****SANITARY EQUIPMENT NOT OTHERWISE PROVIDED FOR**

(connecting to water supply or waste pipe, sinks [E03C](#); water-closets [E03D](#)); **TOILET ACCESSORIES** (cosmetic equipment [A45D](#))

A47K 1/00

Wash-stands; Appurtenances therefor (devices for washing the hair or scalp [A45D 19/00](#); basins used in manual washing or cleaning of crockery, table-ware, cooking-ware, or the like [A47L 17/02](#); with appurtenances for curative purposes [A61H](#))

A47K 1/02

- . Portable toilet tables; Wash cabinets or stands (for automobiles [B60R](#); for railway cars [B61D](#); for ships [B63B](#); for aircraft [B64D](#); connected to waste pipe [E03C](#))

A47K 1/04

- . Basins (connected to waste pipe [E03C 1/12](#)); Jugs; Holding devices therefor

A47K 1/05

- .. Holding devices for basins or jugs

A47K 1/06

- . Replaceable hygienic linings or casings for wash-basins

A47K 1/08

- . Accessories for toilet tables, e.g. glass plates, supports therefor ([towel holders A47K 10/00](#))

A47K 1/09

- .. Holders for drinking glasses, tooth brushes, hair brushes, or the like

A47K 1/10

- . Detachable frames with hand basins mountable on baths

A47K 1/12

- . Wash-basins attachable to sinks; Collapsible washing stands attachable to sinks (supports attachable to sinks in general [A47J 47/20](#))

A47K 1/14

- . Stoppers for wash-basins, baths, sinks, or the like

A47K 3/00

Baths; Douches; Appurtenances therefor (for curative purposes [A61H](#), [A61M](#), e.g. bathing devices for special therapeutic or hygienic purposes [A61H 33/00](#); { spray heads [B05B](#); devices for suspending or supporting the supply pipe or supply hose of a shower bath [E03C 1/06](#); heated bath tubs [F24H 1/0072](#) })

A47K 3/001

- . { Accessories for baths, not provided for in other subgroups of group [A47K 3/00](#) (bath lifting devices for sick persons and invalids [A61G 7/10](#)); Insertions, e.g. for babies; Tubs suspended or inserted in baths; Security or alarm devices; Protecting linings or coverings; Devices for cleaning or disinfecting baths; Bath insulation }

A47K 3/002

- .. { Non-slip mats for baths }

A47K 3/003

- .. { Grips for baths }

A47K 3/004

- .. { Trays }

A47K 3/005

- .. { Tap covers for protection against injury }

A47K 3/006

- . { Doors to get in and out of baths more easily }

A47K 3/007

- . { Tipping-devices for baths }

- A47K 3/008 . { Sealing between wall and bathtub or shower tray }
- A47K 3/02 . Baths (heatable [F24H](#))
- A47K 3/022 .. specially adapted for particular use, e.g. for washing the feet, for bathing in sitting position ({ doors to get in and out of baths more easily [A47K 3/006](#) }; collapsible baths [A47K 3/062](#))
- A47K 3/024 ... specially adapted for use for children or babies
- A47K 3/03 .. attachable to other baths, sinks, wash-basins, or the like { mounting frames for therefor } (collapsible baths [A47K 3/07](#))
- A47K 3/034 ... specially adapted for use for children or babies
- A47K 3/04 .. Built-in baths ({[A47K 3/16](#) takes precedence})
- A47K 3/06 .. Collapsible baths, { e.g. inflatable; Movable baths }
- A47K 3/062 ... specially adapted for particular use, e.g. for washing the feet, for bathing in sitting position
- A47K 3/064 specially adapted for use for children or babies; { Mounting frames therefor }
- A47K 3/07 ... attachable to other basins, or the like
- A47K 3/074 specially adapted for use for children or babies { on dressing-tables for babies }
- A47K 3/08 .. Cabinet baths (collapsible shower bath cabinets [A47K 3/32](#))
- A47K 3/10 . Wave-producers or the like, { e.g. with devices for admitting gas, e.g. air, in the bath-water (baths with gas-containing liquids [A61H 33/02](#); for swimming-pools [E04H 4/0006](#)) }
- A47K 3/12 . Separate seats or body supports (seats for chairs [A47C 7/02](#); { invalid lifting devices mounted on or in combination with a bathtub [A61G 7/1003](#) })
- A47K 3/122 .. { Seats (specially adapted for showers [A47K 3/282](#)) }
- A47K 3/125 .. { Body supports }
- A47K 3/127 ... { for children or babies }
- A47K 3/14 . Replaceable separating walls for baths (sinks with separating walls [E03C 1/18](#))
- A47K 3/16 . Devices for fastening baths to floors or walls; Adjustable bath feet; { Lining panels or attachments therefor }
- A47K 3/1605 .. { Hard foam bathtub supports }
- A47K 3/161 .. { Bathtub aprons }
- A47K 3/1615 ... { Inspection openings }
- A47K 3/162 .. Collapsible stands or supports for baths
- A47K 3/164 ... for child or baby baths
- A47K 3/17 .. Adjustable bath feet
- A47K 3/18 . combined with hand basins
- A47K 3/20 . combined with douches

- A47K 3/26 . Bidets without upward spraying means ([bidets with upward spraying means A61H 35/00, E03D 9/08](#))
- A47K 3/28 . Showers { or bathing douches } ([combined with baths A47K 3/20; nozzles, spray heads B05B 1/00; { means for suspending or supporting the supply pipe or supply hose E03C 1/06 }](#))
- A47K 3/281 .. { Accessories for showers or bathing douches, e.g. cleaning devices for walls or floors of showers ([A47K 3/30, A47K 3/38, A47K 3/40 take precedence](#))}
 - A47K 3/282 ... { Seats specially adapted for showers }
 - A47K 3/283 .. { Fixed showers ([pans or trays A47K 3/40](#))}
 - A47K 3/284 ... { Pre-fabricated shower cabinets }
 - A47K 3/285 ... { Free-standing or hanging showers without a cabinet }
 - A47K 3/286 ... { Emergency showers }
 - A47K 3/287 .. { Shower rings, i.e. perforated hollow rings worn on the neck of the bather }
 - A47K 3/288 .. { Independent, movable shower units operated by weight, by hand or by footpumps }
- A47K 3/30 .. Screens or { collapsible } cabinets { for showers or baths ([A47K 3/283 takes precedence](#))}
- A47K 3/302 ... { splash guards }
- A47K 2003/305 ... { Sealings between screen and bath- or showertub }
- A47K 2003/307 ... { Adjustable connections to the wall }
- A47K 3/32 ... Collapsible cabinets
 - A47K 3/325 [movable, e.g. for easy transportation to the site of use]
 - A47K 3/34 ... Slidable screens ([A47K 3/36 takes precedence](#))
 - A47K 3/36 ... Articulated screens
 - A47K 3/362 { comprising sliding and articulated panels }
 - A47K 2003/365 { Lifiable articulated screens to be swung over the faucets and against the wall }
 - A47K 2003/367 { Hinges urging the articulated screen in one or more stable positions }
- A47K 3/38 .. Curtain arrangements ([curtains, curtain suspension devices A47H](#))
- A47K 3/40 .. Pans or trays
- A47K 3/405 ... { flush with the surrounding floor, e.g. for easy access }
- A47K 4/00** **Combinations of baths, douches, sinks, wash-basins, closets, or urinals, not covered by a single other group of this subclass** {(such combinations when connected to water supply or waste pipe [E03C 1/01](#))}
- A47K 5/00** **Holders or dispensers for soap, toothpaste, or the like** ([specially adapted for shaving soap or cosmetics A45D 33/00 to A45D 40/00](#))
- A47K 5/02 . Soap boxes or receptacles {(soap-cake holders having fixing devices such as clamps, pins, magnets, [A47K 5/05](#))}
- A47K 5/03 .. separate from wall or wash-stand

- A47K 5/04 . Other soap-cake holders
- A47K 5/05 .. having fixing devices for cakes of soap, e.g. clamps, pins, magnets {(soap-cakes provided with supports to avoid melting [C11D](#))}
- A47K 5/06 . Dispensers for soap
- A47K 5/08 .. for solid soap
- A47K 5/09 ... with means for scraping or grating
- A47K 5/10 .. for powdered soap
- A47K 5/12 .. for liquid or pasty soap
- A47K 5/1201 ... { hand-carried }
- A47K 5/1202 ... { dispensing dosed volume ([A47K 5/1201](#) takes precedence)}
- A47K 5/1204 { by means of a rigid dispensing chamber and pistons }
- A47K 5/1205 { Dispensing from the top of the dispenser with a vertical piston }
- A47K 5/1207 { Dispensing from the bottom of the dispenser with a vertical piston }
- A47K 5/1208 { by means of a flexible dispensing chamber }
- A47K 5/1209 { with chamber in the form of a cylindrical tube }
- A47K 5/1211 ... { using pressure on soap, e.g. with piston ([A47K 5/1201](#) takes precedence; by squeezing [A47K 5/122](#))}
- A47K 5/1212 { applied by a screwing action }
- A47K 5/1214 { applied by gravitational force }
- A47K 5/1215 { applied by a peristaltic action }
- A47K 5/1217 ... { Electrical control means for the dispensing mechanism }
- A47K 2005/1218 ... { Table mounted ; Dispensers integrated with the mixing tap }
- A47K 5/122 ... using squeeze bottles or the like {([A47K 5/1201](#) takes precedence)}
- A47K 5/13 ... of invertible type {([A47K 5/1201](#) takes precedence)}
- A47K 5/14 . Foam or lather making devices (for shaving [A45D 27/02](#))
- A47K 5/16 .. with mechanical drive (food mixers [A47J 43/04](#))
- A47K 5/18 . for both soap and toothpaste or the like; in combination with holders for drinking glasses, toothbrushes, or the like; { Toothpaste dispensers; Dental care centers (soap dispensers per se [A47K 5/06](#); dispensers using pliable containers with auxiliary devices for expelling contents [B65D 35/28](#))}
- A47K 7/00** **Body washing or cleaning implements** (bathing devices for special therapeutic or hygienic purposes [A61H 33/00](#); baths for specific parts of the body [A61H 35/00](#))
- A47K 7/02 . Bathing sponges, brushes, gloves, or similar cleaning or rubbing implements (brushes in general [A46B](#); sponges for domestic cleaning [A47L 13/16](#); specially for massage [A61H 7/00](#))
- A47K 7/022 .. { for washing the back, e.g. bath straps ([A47K 7/028](#) and [A47K 7/04](#) take precedence)}
- A47K 7/024 ... { characterised by a wall or bath tub mounting }

- A47K 7/026 . . { for cleaning the feet or toes }
- A47K 7/028 . . { having a rigid handle ([A47K 7/026](#) takes precedence)}
- A47K 7/03 . . containing soap or other cleaning ingredients, e.g. impregnated
- A47K 7/04 . { Mechanical } washing or cleaning devices, hand or mechanically, { i.e. power } operated
- A47K 7/043 . . { hand operated }
- A47K 7/046 . . { water-flow operated }
- A47K 7/06 . Washing devices for one-armed persons
- A47K 7/08 . Devices or hand implements for cleaning the buttocks
- A47K 10/00 Body-drying implements; Toilet paper; Holders therefor**
- A47K 10/02 . Towels ([made of paper A47K 10/16](#); woven fabrics [D03D](#); non-woven fabrics [D04H](#))
- A47K 10/025 . . { Holders; Boxes ([dispensers A47K 10/24](#))}
- A47K 10/04 . Towel racks; Towel rails; Towel rods; Towel rolls, e.g. rotatable
- A47K 10/06 . . combined with means for drying towels ([A47K 10/30](#) takes precedence)
- A47K 10/08 . . characterised by being mounted on wash-basins, baths, or the like
- A47K 10/10 . . characterised by being mounted on cabinets, walls, doors, or the like
- A47K 10/12 . Grips, hooks, or the like for hanging-up towels
- A47K 10/14 . . Self-holding grips
- A47K 10/16 . Paper towels; Toilet paper; Holders therefor ([dispensers A47K 10/32](#))
- A47K 10/18 . . Holders; Receptacles {(with [dispensers A47K 10/32](#))}
- A47K 10/185 . . . { Holders for boxes of tissue }
- A47K 10/20 . . . for piled sheets
- A47K 10/22 . . . for rolled-up webs ([drawing-off paper from a roll in general B65H](#))
- A47K 10/24 . Towel dispensers, { e.g. for piled-up or folded textile towels }; Toilet-paper dispensers ([sheet or web dispensers in general B65H](#); { paper dispensers for publicity purposes [G09F 21/22](#), [G09F 23/10](#) }); Dispensers for piled-up or folded textile towels provided or not with devices for taking-up soiled towels as far as not mechanically driven
- A47K 10/26 . . Mechanically-driven towel dispensers, { e.g. with storing devices for soiled towels } ([A47K 10/28](#) takes precedence; for paper towels [A47K 10/34](#))
- A47K 10/28 . . dispensing a clean part and taking-up a soiled part, e.g. using rolls; { with dispensers for soap or other detergents; with disinfecting or heating devices }
- A47K 10/30 . . . combined with washing and drying means for the soiled parts
- A47K 10/32 . . Dispensers for paper towels or toilet-paper
- A47K 2010/3206 . . . { Coreless paper rolls }
- A47K 2010/3213 . . . { activated by coins }
- A47K 2010/322 . . . { with means for deodorizing the ambient air }

A47K 2010/3226	...	{ collecting data of usage }
A47K 2010/3233	...	{ Details of the housing, e.g. hinges, connection to the wall }
A47K 2010/324	...	{ Jumbo rolls }
A47K 2010/3246	...	{ Locking mechanisms for the housing }
A47K 2010/3253	...	{ with one or more reserve rolls }
A47K 2010/326	...	{ dispensing simultaneously from several rolls or stacks }
A47K 2010/3266	...	{ Wet wipes }
A47K 2010/3273	.....	{ moistened just before use }
A47K 2010/328	.....	{ by spraying }
A47K 2010/3286	.....	{ mby rollers }
A47K 2010/3293	.....	{ combined with wipe warming devices }
A47K 10/34	...	dispensing from a web, e.g. with mechanical dispensing means
A47K 10/36	.....	with { mechanical dispensing, roll switching or } cutting devices
A47K 10/3606	.....	{ The cutting devices being motor driven }
A47K 10/3612	.....	{ with drive and pinch rollers }
A47K 10/3618	.....	{ The drive roller pressing against the paper roll }
A47K 10/3625	.....	{ with electronic control means }
A47K 10/3631	.....	{ The cutting devices being driven manually }
A47K 10/3637	.....	{ using a crank or handle }
A47K 10/3643	.....	{ by pulling the paper }
A47K 2010/365	.....	{ Triggering mechanism for the blade }
A47K 10/3656	.....	{ with paper jam preventing devices }
A47K 10/3662	.....	{ with devices preventing the use of non-authorized paper rolls }
A47K 2010/3668	.....	{ Detection of the presence of a user }
A47K 2010/3675	.....	{ Braking devices }
A47K 2010/3681	.....	{ characterised by the way a new paper roll is loaded in the dispenser }
A47K 10/3687	.....	{ with one or more reserve rolls }
A47K 2010/3693	.....	{ Selection of the size of the paper roll }
A47K 10/38	.....	the web being rolled up { with or without tearing edge (A47K 10/36 and A47K 10/46 take precedence)}
A47K 10/3809	.....	{ with roll spindles which are not directly supported }
A47K 10/3818	.....	{ with a distribution opening which is perpendicular to the rotation axis }
A47K 10/3827	.....	{ with a distribution opening which is parallel to the rotation axis }
A47K 10/3836	.....	{ with roll spindles which are supported at one side }
A47K 10/3845	.....	{ with devices preventing the use of non-authorized paper rolls }
A47K 2010/3854	.....	{ with devices for disposing of the empty core }
A47K 2010/3863	.....	{ with roll rotation braking devices }
A47K 2010/3872	.....	{ the roll support running in inclined grooves }
A47K 2010/3881	.....	{ with tearing edges having movable parts }

- A47K 2010/389 { Accessories or combination with other devices, e.g. music boxes, clocks, heating devices or shelves }
- A47K 10/40 with extensible or collapsible roll supports { or roll spindles }
- A47K 10/405 { the roll support comprising several arm sections }
- A47K 10/42 dispensing from a store of single sheets, e.g. stacked
- A47K 10/421 { dispensing from the top of the dispenser ([A47K 10/44](#) takes precedence)}
- A47K 10/422 { with means for urging the whole stack upwards towards the dispensing opening, e.g. a spring, a counterweight }
- A47K 10/423 { with hold-down means riding on the top of the stack, e.g. a press plate with dispensing opening }
- A47K 10/424 { dispensing from the bottom part of the dispenser ([A47K 10/44](#) takes precedence)}
- A47K 10/425 { with means for urging the whole stack towards the dispensing opening, e.g. a weight plate }
- A47K 10/426 { dispensing from the front or sides of the dispenser ([A47K 10/424](#) and [A47K 10/44](#) take precedence)}
- A47K 10/427 { with means for urging the whole stack towards the dispensing opening, e.g. a spring }
- A47K 2010/428 { Details of the folds or interfolds of the sheets }
- A47K 10/44 with mechanical dispensing means { for prehension of the next sheet to be dispensed }
- A47K 10/46 with means for storing soiled towels
- A47K 10/48 Drying by means of hot air ([hair-drying devices A45D 20/00](#); [curative hot-air baths A61H 33/06](#); [electric heating elements H05B](#))
- A47K 10/485 { combined with a textile or paper towel dispenser }

- A47K 11/00** **Closets without flushing** ([closets with recirculation of bowl-cleaning fluid E03D 5/016](#)); **Urinals without flushing** ([for vehicles in general B60R](#); [closets for railway-cars B61D](#); [for ships B63B](#); [for aircraft B64D](#); [urinals with flushing arrangements E03D 13/00](#)); **Chamber pots; Chairs with toilet conveniences or specially adapted for use with toilets**

- A47K 11/02 Dry closets, e.g. incinerator closets
- A47K 11/023 { Incinerator closets }
- A47K 11/026 { with continuous tubular film for receiving faeces }
- A47K 11/03 having means for adding powder, e.g. earth
- A47K 11/035 { with chemical solvents }

- A47K 11/04 Room closets; Chairs with toilet conveniences or specially adapted for use with toilets, e.g. night chairs; { Closets for children, also with signalling means, e.g. with a music box, or the like }
- A47K 11/045 { inflatable or with inflatable parts }

- A47K 11/06 . Chamber-pots (bed pans or other sanitary devices for bed-ridden persons [A61G 9/00](#)); { Throw-away urinals for non-bedridden persons; Chamber-pots for children, also with signalling means, e.g. with amusic box, or the like }
- A47K 11/08 . Night cabinets or tables with closet or bidet equipment (bedside cabinets per se [A47B 79/00](#))
- A47K 11/10 . Hand tools for cleaning the toilet bowl, { seat or cover, e.g. toilet brushes (cleaning devices without flushing [A47K 17/00](#); mechanical devices for cleaning toilet bowls [E03D](#))}
- A47K 11/105 . . { Disposable covers to keep the bowl clean }
- A47K 11/12 . Urinals without flushing ({ portable urinating aids [A61F 5/4556](#) }; urinals for bed-ridden persons [A61G 9/00](#))
- A47K 13/00** **Seats or covers for all kinds of closets** {(dog or cat toilets adapted to fit on conventional toilets [A01K 1/0121](#))}
- A47K 13/005 . { Auxiliary or portable seats (for children [A47K 13/06](#))}
- A47K 13/02 . of plastic materials
- A47K 13/04 . Buffers for seats
- A47K 13/06 . Auxiliary or portable seats for children
- A47K 13/08 . Covers with urine funnels
- A47K 13/10 . Devices for raising and lowering, { e.g. tilting or lifting mechanisms } (thereby controlling flushing valves [E03D 5/04](#)); { Collapsible or rotating seats or covers }
- A47K 13/105 . . { Toilet seat or toilet cover handles }
- A47K 13/12 . Hinges
- A47K 13/14 . Protecting covers for closet seats
- A47K 13/145 . . { of rolled-up paper tubes or rolled-up plastic tubes }
- A47K 13/16 . . of single sheets of paper { or plastic foil or film }
- A47K 13/165 . . . { Dispensers therefor }
- A47K 13/18 . . of paper { or plastic } webs {(A47K 13/145 takes precedence)}
- A47K 13/20 . . . { Dispensers therefor } with cutting devices
- A47K 13/22 . . . rolled-up; { Dispensers therefor } (A47K 13/20 takes precedence)
- A47K 13/225 { with means for taking up the soiled part }
- A47K 13/24 . Parts or details not covered in, or of interest apart from, groups [A47K 13/02](#) to [A47K 13/22](#), { e.g. devices imparting a swinging or vibrating motion to the seats }
- A47K 13/242 . . { Devices for locking the cover in the closed position }
- A47K 13/245 . . { Devices for locking the cover in the open position }

A47K 13/247	.. { Covers with sliding wings or wings pivoting around a vertical axis }
A47K 13/26	.. Mounting devices for seats or covers (hinges A47K 13/12)
A47K 13/28	.. Adjustably-mounted seats or covers {(for auxiliary or portable seats A47K 13/06)}
A47K 13/30	.. Seats having provisions for heating, deodorising or the like, { e.g. ventilating, noise-damping or cleaning devices }
A47K 13/302	... { Seats with cleaning devices (apparatus for cleaning toilet bowls or whole toilets E03D 9/002) }
A47K 13/305	... { Seats with heating devices }
A47K 13/307	... { Seats with ventilating devices }
A47K 17/00	Other equipment, { e.g. separate apparatus for deodorising, disinfecting or cleaning devices without flushing for toilet bowls, seats or covers; Holders for toilet brushes (portable urinating aids A61F 5/4556); (devices for receiving spittle A61J 19/00 ; { disinfecting apparatus for medical, surgical or hygienic purposes A61L ; cleaning devices with flushing for toilet bowls, seats or covers E03D 9/00 ; for emptying or cleaning chamber-pots, bed pans, bed urinals or the like E03D 11/025) }
A47K 17/003	. { Dispensers or holders for protecting covers for toilet bowls, seats or covers (combined with seats A47K 13/24) }
A47K 2017/006	. { Defecation help for disabled persons }
A47K 17/02	. Body supports, other than seats, for closets, e.g. handles, back-rests, foot-rests; Accessories for closets, e.g. reading tables; {(devices for lifting patients or disabled persons A61G 7/10)}
A47K 17/022	.. { Wall mounted grab bars or handles, with or without support on the floor }
A47K 17/024	... { pivotally mounted on the wall }
A47K 17/026	.. { Armrests mounted on or around the toilet (A47K 17/022 takes precedence) }
A47K 17/028	.. { Foot- or knee-rests }
A47K 2201/00	Details of connections of bathroom accessories, e.g. fixing soap or towel holder to a wall
A47K 2201/02	. Connections to a wall mounted support
A47K 2201/025	.. with resilient locking device
A47K 2210/00	Combinations of water taps, soap dispensers and hand dryers