

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 3/23](#))
- 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 7/10C](#) })
- 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-authorised 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-authorised 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 presedence) }
- 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