

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 {Liftable 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 a music 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	<ul style="list-style-type: none"> • . . of paper {or plastic} webs {(A47K 13/145 takes precedence)}
A47K 13/20	<ul style="list-style-type: none"> • . . . {Dispensers therefor} with cutting devices
A47K 13/22	<ul style="list-style-type: none"> • . . . rolled-up; {Dispensers therefor} (A47K 13/20 takes precedence)
A47K 13/225	<ul style="list-style-type: none"> • {with means for taking up the soiled part}
A47K 13/24	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • . . {Devices for locking the cover in the closed position}
A47K 13/245	<ul style="list-style-type: none"> • . . {Devices for locking the cover in the open position}
A47K 13/247	<ul style="list-style-type: none"> • . . {Covers with sliding wings or wings pivoting around a vertical axis}
A47K 13/26	<ul style="list-style-type: none"> • . . Mounting devices for seats or covers (hinges A47K 13/12)
A47K 13/28	<ul style="list-style-type: none"> • . . Adjustably-mounted seats or covers {(for auxiliary or portable seats A47K 13/06)}
A47K 13/30	<ul style="list-style-type: none"> • . . Seats having provisions for heating, deodorising or the like, {e.g. ventilating, noise-damping or cleaning devices}
A47K 13/302	<ul style="list-style-type: none"> • . . . {Seats with cleaning devices (apparatus for cleaning toilet bowls or whole toilets E03D 9/002)}
A47K 13/305	<ul style="list-style-type: none"> • . . . {Seats with heating devices}
A47K 13/307	<ul style="list-style-type: none"> • . . . {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	<ul style="list-style-type: none"> • {Dispensers or holders for protecting covers for toilet bowls, seats or covers (combined with seats A47K 13/24)}
A47K 2017/006	<ul style="list-style-type: none"> • {Defecation help for disabled persons}
A47K 17/02	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • . . {Wall mounted grab bars or handles, with or without support on the floor}
A47K 17/024	<ul style="list-style-type: none"> • . . . {pivotally mounted on the wall}
A47K 17/026	<ul style="list-style-type: none"> • . . {Armrests mounted on or around the toilet (A47K 17/022 takes precedence)}
A47K 17/028	<ul style="list-style-type: none"> • . . {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	<ul style="list-style-type: none"> • Connections to a wall mounted support
A47K 2201/025	<ul style="list-style-type: none"> • . . with resilient locking device
A47K 2210/00	Combinations of water taps, soap dispensers and hand dryers