

**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 <a href="#">B65H</a> )
A47K 10/24	.	Towel dispensers, {e.g. for piled-up or folded textile towels}; Toilet-paper dispensers (sheet or web dispensers in general <a href="#">B65H</a> ; {paper dispensers for publicity purposes <a href="#">G09F 21/22</a> , <a href="#">G09F 23/10</a> }); 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 <a href="#">A47K 10/34</a> )
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 ( <a href="#">A47K 10/36</a> and <a href="#">A47K 10/46</a> 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 ( <a href="#">A47K 10/44</a> 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 ( <a href="#">A47K 10/44</a> 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 ( <a href="#">A47K 10/424</a> and <a href="#">A47K 10/44</a> 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 <a href="#">A45D 20/00</a> ; curative hot-air baths <a href="#">A61H 33/06</a> ; electric heating elements <a href="#">H05B</a> )
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 <a href="#">A47K 13/02</a> to <a href="#">A47K 13/22</a> , {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 ( <a href="#">hinges A47K 13/12</a> )
A47K 13/28	.. Adjustably-mounted seats or covers {(for auxiliary or portable seats <a href="#">A47K 13/06</a> )}
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 ( <a href="#">apparatus for cleaning toilet bowls or whole toilets E03D 9/002</a> )}
A47K 13/305	... {Seats with heating devices}
A47K 13/307	... {Seats with ventilating devices}
<b>A47K 17/00</b>	<b>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 <a href="#">A61F 5/4556</a>); (devices for receiving spittle <a href="#">A61J 19/00</a>; {disinfecting apparatus for medical, surgical or hygienic purposes <a href="#">A61L</a>; cleaning devices with flushing for toilet bowls, seats or covers <a href="#">E03D 9/00</a>; for emptying or cleaning chamber-pots, bed pans, bed urinals or the like <a href="#">E03D 11/025</a>)}</b>
A47K 17/003	. {Dispensers or holders for protecting covers for toilet bowls, seats or covers ( <a href="#">combined with seats A47K 13/24</a> )}
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 <a href="#">A61G 7/10</a> )}
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 ( <a href="#">A47K 17/022</a> takes precedence)}
A47K 17/028	.. {Foot- or knee-rests}
<b>A47K 2201/00</b>	<b>Details of connections of bathroom accessories, e.g. fixing soap or towel holder to a wall</b>
A47K 2201/02	. Connections to a wall mounted support
A47K 2201/025	.. with resilient locking device
<b>A47K 2210/00</b>	<b>Combinations of water taps, soap dispensers and hand dryers</b>