

**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 .... 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 ( <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 ( [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 ( 17/02B 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**