

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 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 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 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 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 10/3656 { [with paper jam preventing devices](#) }
- A47K 10/3662 { [with devices preventing the use of non-authorised paper rolls](#) }
- A47K 10/3687 {[with one or more reserve rolls](#) }
- 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 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 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 continous 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 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 2003/00**

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 2003/28

 - 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 2003/30

 - .. Screens or {collapsible } cabinets {for showers or baths ([A47K 3/283](#) takes precedence) }
- A47K 2003/305

 - ... Sealings between screen and bath- or showertub
- A47K 2003/307

 - ... Adjustable connections to the wall
- A47K 2003/36

 - ... Articulated screens
- 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 2005/00**

Holders or dispensers for soap, toothpaste, or the like (specially adapted for shaving soap or cosmetics [A45D 33/00](#) to [A45D 40/00](#))
- A47K 2005/06

 - Dispensers for soap
- A47K 2005/12

 - .. for liquid or pasty soap
- A47K 2005/1218

 - ... Table mounted ; Dispensers integrated with the mixing tap
- A47K 2010/00**

Body-drying implements; Toilet paper; Holders therefor
- A47K 2010/24

 - 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 2010/32

 - .. 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	.....	mbly rollers
A47K 2010/3293	.....	combined with wipe warming devices
A47K 2010/34	...	dispensing from a web, e.g. with mechanical dispensing means
A47K 2010/36	.....	with {mechanical dispensing, roll switching or } cutting devices
A47K 2010/3631	.....	{ The cutting devices being driven manually }
A47K 2010/365	.....	Triggering mechanism for the blade
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 2010/3693	.....	Selection of the size of the paper roll
A47K 2010/38	.....	the web being rolled up {with or without tearing edge (A47K 10/36 and A47K 10/46 take precedence) }
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 2010/42	...	dispensing from a store of single sheets, e.g. stacked
A47K 2010/428	....	Details of the folds or interfolds of the sheets
A47K 2017/00		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 2017/006	.	Defecation help for disabled persons
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