

CPC COOPERATIVE PATENT CLASSIFICATION

A HUMAN NECESSITIES

PERSONAL OR DOMESTIC ARTICLES

A47 FURNITURE; DOMESTIC ARTICLES OR APPLIANCES; COFFEE MILLS; SPICE MILLS; SUCTION CLEANERS IN GENERAL

(NOTE omitted)

A47K SANITARY EQUIPMENT NOT OTHERWISE PROVIDED FOR (connecting to water supply or waste pipe, sinks [E03C](#); water-closets [E03D](#)); TOILET ACCESSORIES (cosmetic equipment [A45D](#))

WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

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| 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) | 3/005 | . . {Tap covers for protection against injury} |
| 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) | 3/006 | . {Doors to get in and out of baths more easily} |
| 1/04 | . Basins (connected to waste pipe E03C 1/12); Jugs; Holding devices therefor | 3/007 | . {Tipping-devices for baths} |
| 1/05 | . . Holding devices for basins or jugs | 3/008 | . {Sealing between wall and bathtub or shower tray} |
| 1/06 | . Replaceable hygienic linings or casings for wash-basins | 3/02 | . Baths (heatable F24H) |
| 1/08 | . Accessories for toilet tables, e.g. glass plates, supports therefor (towel holders A47K 10/00) | 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) |
| 1/09 | . . Holders for drinking glasses, tooth brushes, hair brushes, or the like | 3/024 | . . . specially adapted for use for children or babies |
| 1/10 | . Detachable frames with hand basins mountable on baths | 3/03 | . . attachable to other baths, sinks, wash-basins, or the like {; mounting frames therefor}(collapsible baths A47K 3/07) |
| 1/12 | . Wash-basins attachable to sinks; Collapsible washing stands attachable to sinks (supports attachable to sinks in general A47J 47/20) | 3/034 | . . . specially adapted for use for children or babies |
| 1/14 | . Stoppers for wash-basins, baths, sinks, or the like | 3/04 | . . Built-in baths ({ A47K 3/16 takes precedence}) |
| 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 }) | 3/06 | . . Collapsible baths {, e.g. inflatable; Movable baths} |
| 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} | 3/062 | . . . specially adapted for particular use, e.g. for washing the feet, for bathing in sitting position |
| 3/002 | . . {Non-slip mats for baths} | 3/064 | specially adapted for use for children or babies {; Mounting frames therefor} |
| 3/003 | . . {Grips for baths} | 3/07 | . . . attachable to other basins, or the like |
| 3/004 | . . {Trays} | 3/074 | specially adapted for use for children or babies {on dressing-tables for babies} |
| | | 3/08 | . . Cabinet baths (collapsible shower bath cabinets A47K 3/32) |
| | | 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)} |
| | | 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 }) |
| | | 3/122 | . . {Seats (specially adapted for showers A47K 3/282)} |
| | | 3/125 | . . {Body supports} |
| | | 3/127 | . . . {for children or babies} |
| | | 3/14 | . Replaceable separating walls for baths (sinks with separating walls E03C 1/18) |

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| 3/16 | • Devices for fastening baths to floors or walls; Adjustable bath feet {; Lining panels or attachments therefor} | 5/02 | • Soap boxes or receptacles {(soap-cake holders having fixing devices such as clamps, pins, magnets, A47K 5/05)} |
| 3/1605 | • • {Hard foam bathtub supports} | 5/03 | • • separate from wall or wash-stand |
| 3/161 | • • {Bathtub aprons} | 5/04 | • Other soap-cake holders |
| 3/1615 | • • • {Inspection openings} | 5/05 | • • having fixing devices for cakes of soap, e.g. clamps, pins, magnets {(soap-cakes provided with supports to avoid melting C11D)} |
| 3/162 | • • Collapsible stands or supports for baths | 5/06 | • Dispensers for soap |
| 3/164 | • • • for child or baby baths | 5/08 | • • for solid soap |
| 3/17 | • • Adjustable bath feet | 5/09 | • • • with means for scraping or grating |
| 3/18 | • combined with hand basins | 5/10 | • • for powdered soap |
| 3/20 | • combined with douches | 5/12 | • • for liquid or pasty soap |
| 3/26 | • Bidets without upward spraying means (bidets with upward spraying means A61H 35/00 , E03D 9/08) | 5/1201 | • • • {hand-carried} |
| 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)} | 5/1202 | • • • {dispensing dosed volume (A47K 5/1201 takes precedence)} |
| 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)} | 5/1204 | • • • • {by means of a rigid dispensing chamber and pistons} |
| 3/282 | • • • {Seats specially adapted for showers} | 5/1205 | • • • • • {Dispensing from the top of the dispenser with a vertical piston} |
| 3/283 | • • {Fixed showers (pans or trays A47K 3/40)} | 5/1207 | • • • • • {Dispensing from the bottom of the dispenser with a vertical piston} |
| 3/284 | • • • {Pre-fabricated shower cabinets} | 5/1208 | • • • • {by means of a flexible dispensing chamber} |
| 3/285 | • • • {Free-standing or hanging showers without a cabinet} | 5/1209 | • • • • • {with chamber in the form of a cylindrical tube} |
| 3/286 | • • • {Emergency showers} | 5/1211 | • • • {using pressure on soap, e.g. with piston (A47K 5/1201 takes precedence; by squeezing A47K 5/122)} |
| 3/287 | • • {Shower rings, i.e. perforated hollow rings worn on the neck of the bather} | 5/1212 | • • • • {applied by a screwing action} |
| 3/288 | • • {Independent, movable shower units operated by weight, by hand or by footpumps} | 5/1214 | • • • • {applied by gravitational force} |
| 3/30 | • • Screens or {collapsible} cabinets {for showers or baths (A47K 3/283 takes precedence)} | 5/1215 | • • • • {applied by a peristaltic action} |
| 3/302 | • • • {splash guards} | 5/1217 | • • • {Electrical control means for the dispensing mechanism} |
| 2003/305 | • • • {Sealings between screen and bath- or showertub} | 2005/1218 | • • • {Table mounted; Dispensers integrated with the mixing tap} |
| 2003/307 | • • • {Adjustable connections to the wall} | 5/122 | • • • using squeeze bottles or the like {(A47K 5/1201 takes precedence)} |
| 3/32 | • • • Collapsible cabinets | 5/13 | • • • of invertible type {(A47K 5/1201 takes precedence)} |
| 3/325 | • • • • {movable, e.g. for easy transportation to the site of use} | 5/14 | • Foam or lather making devices (for shaving A45D 27/02) |
| 3/34 | • • • Slidable screens (A47K 3/36 takes precedence) | 5/16 | • • with mechanical drive (food mixers A47J 43/04) |
| 3/36 | • • • Articulated screens | 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 <i>per se</i> A47K 5/06 ; dispensers using pliable containers with auxiliary devices for expelling contents B65D 35/28)} |
| 3/362 | • • • • {comprising sliding and articulated panels} | | |
| 2003/365 | • • • • {Liftable articulated screens to be swung over the faucets and against the wall} | | |
| 2003/367 | • • • • {Hinges urging the articulated screen in one or more stable positions} | | |
| 3/38 | • • Curtain arrangements (curtains, curtain suspension devices A47H) | | |
| 3/40 | • • Pans or trays | | |
| 3/405 | • • • {flush with the surrounding floor, e.g. for easy access} | | |
| 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)} | 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) |
| 5/00 | Holders or dispensers for soap, toothpaste, or the like (specially adapted for shaving soap or cosmetics A45D 33/00 - A45D 40/00) | 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) |
| | | 7/022 | • • {for washing the back, e.g. bath straps (A47K 7/028 and A47K 7/04 take precedence)} |
| | | 7/024 | • • • {characterised by a wall or bath tub mounting} |
| | | 7/026 | • • {for cleaning the feet or toes} |
| | | 7/028 | • • {having a rigid handle (A47K 7/026 takes precedence)} |

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| 7/03 | . . containing soap or other cleaning ingredients, e.g. impregnated | 2010/3286 | {by rollers} |
| 7/04 | . {Mechanical} washing or cleaning devices, hand or mechanically, {i.e. power} operated | 2010/3293 | {combined with wipe warming devices} |
| 7/043 | . . {hand operated} | 10/34 | . . . dispensing from a web, e.g. with mechanical dispensing means |
| 7/046 | . . {water-flow operated} | 10/36 | with {mechanical dispensing, roll switching or} cutting devices |
| 7/06 | . Washing devices for one-armed persons | 10/3606 | {The cutting devices being motor driven} |
| 7/08 | . Devices or hand implements for cleaning the buttocks | 10/3612 | {with drive and pinch rollers} |
| | | 10/3618 | {The drive roller pressing against the paper roll} |
| 10/00 | Body-drying implements; Toilet paper; Holders therefor | 10/3625 | {with electronic control means} |
| 10/02 | . Towels (made of paper A47K 10/16 ; woven fabrics D03D ; non-woven fabrics D04H) | 10/3631 | {The cutting devices being driven manually} |
| 10/025 | . . {Holders; Boxes (dispensers A47K 10/24)} | 10/3637 | {using a crank or handle} |
| 10/04 | . Towel racks; Towel rails; Towel rods; Towel rolls, e.g. rotatable | 10/3643 | {by pulling the paper} |
| 10/06 | . . combined with means for drying towels (A47K 10/30 takes precedence) | 2010/365 | {Triggering mechanism for the blade} |
| 10/08 | . . characterised by being mounted on wash-basins, baths, or the like | 10/3656 | {with paper jam preventing devices} |
| 10/10 | . . characterised by being mounted on cabinets, walls, doors, or the like | 10/3662 | {with devices preventing the use of non-authorised paper rolls} |
| 10/12 | . Grips, hooks, or the like for hanging-up towels | 2010/3668 | {Detection of the presence of a user} |
| 10/14 | . . Self-holding grips | 2010/3675 | {Braking devices} |
| 10/16 | . Paper towels; Toilet paper; Holders therefor (dispensers A47K 10/32) | 2010/3681 | {characterised by the way a new paper roll is loaded in the dispenser} |
| 10/18 | . . Holders; Receptacles {(with dispensers A47K 10/32)} | 10/3687 | {with one or more reserve rolls} |
| 10/185 | . . . {Holders for boxes of tissue} | 2010/3693 | {Selection of the size of the paper roll} |
| 10/20 | . . . for piled sheets | 10/38 | the web being rolled up {with or without tearing edge (A47K 10/36 and A47K 10/46 take precedence)} |
| 10/22 | . . . for rolled-up webs (drawing-off paper from a roll in general B65H) | 10/3809 | {with roll spindles which are not directly supported} |
| 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 | 10/3818 | {with a distribution opening which is perpendicular to the rotation axis} |
| 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) | 10/3827 | {with a distribution opening which is parallel to the rotation axis} |
| 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} | 10/3836 | {with roll spindles which are supported at one side} |
| 10/30 | . . . combined with washing and drying means for the soiled parts | 10/3845 | {with devices preventing the use of non-authorised paper rolls} |
| 10/32 | . . Dispensers for paper towels or toilet-paper | 2010/3854 | {with devices for disposing of the empty core} |
| 2010/3206 | . . . {Coreless paper rolls} | 2010/3863 | {with roll rotation braking devices} |
| 2010/3213 | . . . {activated by coins} | 2010/3872 | {the roll support running in inclined grooves} |
| 2010/322 | . . . {with means for deodorizing the ambient air} | 2010/3881 | {with tearing edges having movable parts} |
| 2010/3226 | . . . {collecting data of usage} | 2010/389 | {Accessories or combination with other devices, e.g. music boxes, clocks, heating devices or shelves} |
| 2010/3233 | . . . {Details of the housing, e.g. hinges, connection to the wall} | 10/40 | with extensible or collapsible roll supports {or roll spindles} |
| 2010/324 | . . . {Jumbo rolls} | 10/405 | {the roll support comprising several arm sections} |
| 2010/3246 | . . . {Locking mechanisms for the housing} | 10/42 | . . . dispensing from a store of single sheets, e.g. stacked |
| 2010/3253 | . . . {with one or more reserve rolls} | 10/421 | {dispensing from the top of the dispenser (A47K 10/44 takes precedence)} |
| 2010/326 | . . . {dispensing simultaneously from several rolls or stacks} | 10/422 | {with means for urging the whole stack upwards towards the dispensing opening, e.g. a spring, a counterweight} |
| 2010/3266 | . . . {Wet wipes} | 10/423 | {with hold-down means riding on the top of the stack, e.g. a press plate with dispensing opening} |
| 2010/3273 | {moistened just before use} | 10/424 | {dispensing from the bottom part of the dispenser (A47K 10/44 takes precedence)} |
| 2010/328 | {by spraying} | | |

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| 10/425 | {with means for urging the whole stack towards the dispensing opening, e.g. a weight plate} | 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} |
| 10/426 | {dispensing from the front or sides of the dispenser (A47K 10/424 and A47K 10/44 take precedence)} | 13/105 | . . {Toilet seat or toilet cover handles} |
| 10/427 | {with means for urging the whole stack towards the dispensing opening, e.g. a spring} | 13/12 | . Hinges |
| 2010/428 | {Details of the folds or interfolds of the sheets} | 13/14 | . Protecting covers for closet seats |
| 10/44 | with mechanical dispensing means {for prehension of the next sheet to be dispensed} | 13/145 | . . {of rolled-up paper tubes or rolled-up plastic tubes} |
| 10/46 | . . . with means for storing soiled towels | 13/16 | . . of single sheets of paper {or plastic foil or film} |
| 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) | 13/165 | . . . {Dispensers therefor} |
| 10/485 | . . {combined with a textile or paper towel dispenser} | 13/18 | . . of paper {or plastic} webs (A47K 13/145 takes precedence) |
| 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 | 13/20 | . . . {Dispensers therefor} with cutting devices |
| 11/02 | . Dry closets, e.g. incinerator closets | 13/22 | . . . rolled-up; {Dispensers therefor} (A47K 13/20 takes precedence) |
| 11/023 | . . {Incinerator closets} | 13/225 | {with means for taking up the soiled part} |
| 11/026 | . . {with continuous tubular film for receiving faeces} | 13/24 | . Parts or details not covered in, or of interest apart from, groups A47K 13/02 - A47K 13/22 , {e.g. devices imparting a swinging or vibrating motion to the seats} |
| 11/03 | . . having means for adding powder, e.g. earth | 13/242 | . . {Devices for locking the cover in the closed position} |
| 11/035 | . . . {with chemical solvents} | 13/245 | . . {Devices for locking the cover in the open position} |
| 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} | 13/247 | . . {Covers with sliding wings or wings pivoting around a vertical axis} |
| 11/045 | . . {inflatable or with inflatable parts} | 13/26 | . . Mounting devices for seats or covers (hinges A47K 13/12) |
| 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} | 13/28 | . . Adjustably-mounted seats or covers ({for auxiliary or portable seats A47K 13/06 }) |
| 11/08 | . Night cabinets or tables with closets or bidet equipment (bedside cabinets per se A47B 79/00) | 13/30 | . . Seats having provisions for heating, deodorising or the like {, e.g. ventilating, noise-damping or cleaning devices} |
| 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)} | 13/302 | . . . {Seats with cleaning devices (apparatus for cleaning toilet bowls or whole toilets E03D 9/002)} |
| 11/105 | . . {Disposable covers to keep the bowl clean} | 13/305 | . . . {Seats with heating devices} |
| 11/12 | . Urinals without flushing ({portable urinating aids A61F 5/4556); urinals for bed-ridden persons A61G 9/00) | 13/307 | . . . {Seats with ventilating devices} |
| 13/00 | Seats or covers for all kinds of closets ({dog or cat toilets adapted to fit on conventional toilets A01K 1/0121 }) | 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}) |
| 13/005 | . {Auxiliary or portable seats (for children A47K 13/06)} | 17/003 | . {Dispensers or holders for protecting covers for toilet bowls, seats or covers (combined with seats A47K 13/24)} |
| 13/02 | . of plastic materials | 2017/006 | . {Defecation help for disabled persons} |
| 13/04 | . Buffers for seats | 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 }) |
| 13/06 | . Auxiliary or portable seats for children | 17/022 | . . {Wall mounted grab bars or handles, with or without support on the floor} |
| 13/08 | . Covers with urine funnels | 17/024 | . . . {pivotally mounted on the wall} |
| | | 17/026 | . . {Armrests mounted on or around the toilet (A47K 17/022 takes precedence)} |
| | | 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

2201/02 . Connections to a wall mounted support

2201/025 . . with resilient locking device

2210/00 Combinations of water taps, soap dispensers and hand dryers