Domestic plumbing installations for fresh water or waste water: Sinks { (work tops A47B 77/022)

for combinations of baths, showers, sinks, wash-basins, closets, urinals, or the like { (combinations of baths, douches, or the like, A47K 4/00; cell-like units for special technical purposes E04B 1/34869; panels adapted for locating conduits E04C 2/52; ducts for installation lines E04F 17/08) }

Plumbing installations for fresh water or waste water for warming up fresh water

Waste water; Sinks { (installations allowing recovery of heat from waste water; Sinks )

Domestic plumbing installations for fresh water or waste water supply; sewerage

Fixed constructions

Cooperative Patent Classification

E03C DOMESTIC PLUMBING INSTALLATIONS FOR FRESH WATER OR WASTE WATER (not connected to either water-supply main or to waste pipe A47K; devices of the kind used in the ground E03B, E03F; SINKS)

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.

1/00 Domestic plumbing installations for fresh water or waste water; Sinks { (work tops A47B 77/022)

2001/005 . . . . {Installations allowing recovery of heat from waste water for warming up fresh water}

1/01 . . . . for combinations of baths, showers, sinks, wash-basins, closets, urinals, or the like { (combinations of baths, douches, or the like, A47K 4/00; cell-like units for special technical purposes E04B 1/34869; panels adapted for locating conduits E04C 2/52; ducts for installation lines E04F 17/08) }

1/02 . . . . Plumbing installations for fresh water

1/021 . . . . {Devices for positioning or connecting of water supply lines (connection to the tap body E03C 1/0403) }

1/023 . . . . {with flow distribution, e.g. diverters}

1/025 . . . . {Water supply lines as such, e.g. shower hoses}

2001/026 . . . . {with flow restricting devices}

2001/028 . . . . {Alignment aids for plumbing installations}

1/04 . . . . Water-basin installations specially adapted to wash-basins or baths (valves, faucets, mixing valves, taps F16K)

1/0401 . . . . {Fixing a tap to the sanitary appliance or to an associated mounting surface, e.g. a countertop}

1/0402 . . . . {with mounting from only one side}

1/0403 . . . . {Connecting the supply lines to the tap body}

1/0404 . . . . {Constructional or functional features of the spout}

1/0405 . . . . {enabling multiple spray patterns}

1/0407 . . . . {Spouts for unpressurized outflow of water}

1/0408 . . . . {Water installations especially for showers (E03C 1/06 takes precedence; shower heads B05B 1/18) }

1/0409 . . . . {Shower handles}

1/041 . . . . {having provisions against scalding, e.g. temperature limiting devices, external covers}

1/0411 . . . . {Taps specially designed for dispensing boiling water}

1/0412 . . . . {Constructional or functional features of the faucet handle (valve actuating members as such F16K 31/60) }

2001/0414 . . . . {allowing different orientations of the spout or the outlet nozzle}

2001/0415 . . . . {having an extendable water outlet}

2001/0416 . . . . {using a socket for mounting of faucet}

2001/0417 . . . . {having space-saving features, e.g. retractable, demountable}

2001/0418 . . . . {having temperature indicating means}

1/042 . . . . Arrangements on taps for wash-basins or baths for connecting to the wall

1/044 . . . . having a heating or cooling apparatus in the supply line (water heaters, e.g. with continuous flow, F24H) 

1/046 . . . . Adding soap, disinfectant, or the like in the supply line { or at the water outlet } (preventing contamination of drinking-water pipes E03C 1/10)

1/0465 . . . . {by mounting an independent soap dispenser to outlet of tap}

1/048 . . . . supplying water through two or more openings around or along one side of the water-basin

1/05 . . . . Arrangements of devices on wash-basins, baths, sinks, or the like for remote control of taps (remote control of taps or the like per se F16K)

1/052 . . . . {Mechanical devices not being part of the tap, e.g. foot pedals}

1/055 . . . . {Electrical control devices, e.g. with push buttons, control panels or the like}

1/057 . . . . {touchless, i.e. using sensors}

1/06 . . . . Devices for suspending or supporting the supply pipe or supply hose of a shower-bath { (showers per se A47K 3/28) }

1/063 . . . . {with reciprocating mechanisms (reciprocating mechanisms for massage, other than showers A61H 2201/1669) }

1/066 . . . . {allowing height adjustment of shower head}

1/08 . . . . Jet regulators { or jet guides }, e.g. anti-splash devices

2001/082 . . . . {Outlets connected by a universal joint}

1/084 . . . . Jet regulators with aerating means

1/086 . . . . Jet regulators or jet guides, easily mountable on the outlet of taps

1/10 . . . . Devices for preventing contamination of drinking-water pipes, e.g. means for aerating self-closing flushing valves (vacuum-breakers in general F16K, F16L) 

1/102 . . . . {using an air gap device}

1/104 . . . . {using a single check valve}

1/106 . . . . {using two or more check valves}
Pipe-line systems for waste water; Basins, baths, or sinks

Waste-water plumbing installations

Installations for disinfecting or deodorising

Arrangements of disintegrating apparatus in waste pipes or outlets; Disintegrating apparatus specially adapted for installation in waste pipes or outlets

Wash-basins connected to the waste-pipe

Sinks, whether or not connected to the waste-pipe

Anti-splash devices in sinks, e.g. splash guards (jet regulators E03C 1/08)

WARNING

Group E03C 1/181 is incomplete pending reclassification of documents from group A47J 47/20.

Groups A47J 47/20 and E03C 1/181 should be considered in order to perform a complete search.

Adapted for attachment of washing machines or heating or cooling devices (washing machines for attachment D06F 7/00)

Separate partition walls, lids, protecting borders, or the like, for sinks

WARNING

Group E03C 1/186 is incomplete pending reclassification of documents from group A47J 47/20.

Groups A47J 47/20 and E03C 1/186 should be considered in order to perform a complete search.

Connecting baths or bidets to the waste-pipe

Outlet devices mounted in basins, baths, or sinks (stoppers A47K 1/14)

with mechanical closure mechanisms

(the actuation force being transmitted to the plug via rigid elements)

(the actuation force being transmitted to the plug via flexible elements, e.g. chain, Bowden cable)

(the plug being operated by hand contact)

(acted by rotating the wash-basin)

(the actuation force being magnetic or electromagnetic)

(the actuation force being pneumatic or hydraulic)

(the actuation force created by a turning movement of a handle)

2001/2317 . . . . [transmission of actuation force involves a spring]

1/232 . . . . combined with overflow devices (overflow devices for basins or baths per se E03C 1/24)

1/24 . . . . Overflow devices for basins or baths (E03C 1/232 takes precedence)

1/2406 . . . . [Overflow alarm devices]

1/2413 . . . . [Covers for temporarily closing off overflow outlets]

1/242 . . . . automatically actuating supply or draining valves

1/244 . . . . Separate devices to be placed on the outlet opening

1/26 . . . . Object-catching inserts or similar devices for waste pipes or outlets (E03C 1/28 takes precedence)

1/262 . . . . combined with outlet stoppers

1/264 . . . . Separate sieves or similar object-catching inserts

1/266 . . . . Arrangement of disintegrating apparatus in waste pipes or outlets; Disintegrating apparatus specially adapted for installation in waste pipes or outlets

1/2665 . . . . [Disintegrating apparatus specially adapted for installation in waste pipes or outlets (disintegrating apparatus per se B02C)]

1/28 . . . . Odour seals

1/281 . . . . [using other sealants than water]

1/282 . . . . combined with additional object-catching devices

1/284 . . . . having U-shaped trap

1/286 . . . . having hand-operated valves against return of waste water

1/288 . . . . having non-return valves against return of waste water (E03C 1/286 takes precedence)

1/29 . . . . having housing containing dividing wall, e.g. tubular

1/292 . . . . having elastic housing

1/294 . . . . with provisions against loss of water lock

1/295 . . . . using air-supply valves

1/296 . . . . using water-supply valves

1/298 . . . . consisting only of non-return valve

1/30 . . . . Devices to facilitate removing of obstructions in waste-pipes or sinks (for use in sewer pipes or both in waste and sewer pipes E03F 9/00)

1/302 . . . . using devices moved through the pipes (and simultaneously rotated by means of a cable or rods E03F 9/005)

1/304 . . . . using fluid under pressure

1/306 . . . . by means of a tube connected to the water mains

1/308 . . . . by means of a pumping device

1/32 . . . . Holders or supports for basins

2001/321 . . . . [Siphon or angle valve covers]

1/322 . . . . connected to the wall only

1/324 . . . . adjustable

1/326 . . . . resting on the floor

1/328 . . . . adjustable

1/33 . . . . Fastening sinks or basins in an apertured support

1/335 . . . . [the fastening means comprising a screw]

2001/00 Details, devices or methods not otherwise provided for
<table>
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<tr>
<th>Class Code</th>
<th>Description</th>
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<td>Diverter valves in faucets or taps</td>
</tr>
<tr>
<td>2201/40</td>
<td>Arrangement of water treatment devices in domestic plumbing installations</td>
</tr>
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<td>2201/45</td>
<td>. for carbonated water</td>
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<tr>
<td>2201/50</td>
<td>Constructional features of escutcheons for domestic plumbing installations</td>
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<td>2201/60</td>
<td>Reducing noise in plumbing systems</td>
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<td>2201/70</td>
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<td>2201/80</td>
<td>Combined water inlet and outlet devices</td>
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<tr>
<td>2201/90</td>
<td>Basins movable between several positions</td>
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