

**CPC****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**

**E03C 1/00**

**Domestic plumbing installations for fresh water or waste water; Sinks** {(work tops [A47B 77/022](#))}

[E03C 2001/005](#)

- {Installations allowing recovery of heat from waste water for warming up fresh water}

[E03C 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](#))}

[E03C 1/02](#)

- Plumbing installations for fresh water

[E03C 1/021](#)

- • {Devices for positioning or connecting of water supply lines (connection to the tap body [E03C 1/0403](#))}

[E03C 1/023](#)

- • • {with flow distribution, e.g. diverters}

[E03C 1/025](#)

- • {Water supply lines as such, e.g. shower hoses}

[E03C 2001/026](#)

- • {with flow restricting devices}

[E03C 2001/028](#)

- • {Alignment aids for plumbing installations}

[E03C 1/04](#)

- • Water-basin installations specially adapted to wash-basins or baths (valves, faucets, mixing valves, taps [F16K](#))

[E03C 1/0401](#)

- • • {Fixing a tap to the sanitary appliance or to an associated mounting surface, e.g. a countertop}

[E03C 1/0402](#)

- • • • {with mounting from only one side}

[E03C 1/0403](#)

- • • {Connecting the supply lines to the tap body}

[E03C 1/0404](#)

- • • {Constructional or functional features of the spout}

[E03C 1/0405](#)

- • • • {enabling multiple spray patterns}

[E03C 1/0407](#)

- • • • {Spouts for unpressurized outflow of water}

[E03C 1/0408](#)

- • • {Water installations especially for showers ([E03C 1/06](#) takes precedence; shower heads [B05B 1/18](#))}

[E03C 1/0409](#)

- • • • {Shower handles}

[E03C 1/041](#)

- • • {having provisions against scalding, e.g. temperature limiting devices, external covers}

[E03C 1/0411](#)

- • • {Taps specially designed for dispensing boiling water}

[E03C 1/0412](#)

- • • {Constructional or functional features of the faucet handle (valve actuating members as such [F16K 31/60](#))}

[E03C 2001/0414](#)

- • • {allowing different orientations of the spout or the outlet nozzle}

[E03C 2001/0415](#)

- • • {having an extendable water outlet}

[E03C 2001/0416](#)

- • • {using a socket for mounting of faucet}

[E03C 2001/0417](#)

- • • {having space-saving features, e.g. retractable, demountable}

[E03C 2001/0418](#)

- • • {having temperature indicating means}

- E03C 1/042 . . . Arrangements on taps for wash-basins or baths for connecting to the wall
- E03C 1/044 . . . having a heating or cooling apparatus in the supply line (water heaters, e.g. with continuous flow, F24H)
- E03C 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)
- E03C 1/0465 . . . . {by mounting an independent soap dispenser to outlet of tap}
- E03C 1/048 . . . supplying water through two or more openings around or along one side of the water-basin
- E03C 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)
- E03C 1/052 . . . {Mechanical devices not being part of the tap, e.g. foot pedals}
- E03C 1/055 . . . {Electrical control devices, e.g. with push buttons, control panels or the like}
- E03C 1/057 . . . . {touchless, i.e. using sensors}
- E03C 1/06 . . Devices for suspending or supporting the supply pipe or supply hose of a shower-bath {(showers per se A47K 3/28)}
- E03C 1/063 . . . {with reciprocating mechanisms (reciprocating mechanisms for massage, other than showers A61H 2201/1669)}
- E03C 1/066 . . . {allowing height adjustment of shower head}
- E03C 1/08 . . Jet regulators {or jet guides}, e.g. anti-splash devices
- E03C 2001/082 . . . {Outlets connected by an universal joint}
- E03C 1/084 . . . Jet regulators with aerating means
- E03C 1/086 . . . Jet regulators or jet guides, easily mountable on the outlet of taps
- E03C 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)
- E03C 1/102 . . . {using an air gap device}
- E03C 1/104 . . . {using a single check valve}
- E03C 1/106 . . . {using two or more check valves}
- E03C 1/108 . . . {having an aerating valve}
- E03C 1/12 . . Plumbing installation for waste water; Basins or fountains connected thereto (drainage devices in floors E03F 5/04); Sinks {(wash-basins not connected to the waste-pipe A47K 1/04)}
- E03C 2001/1206 . . {Pipes with specific features for influencing flow characteristics}
- E03C 2001/1213 . . {Constructional features of bidet bowls; adapters for using other sanitary appliances as bidet}
- E03C 1/122 . . Pipe-line systems for waste water in building (pipe-line systems in general F17D)
- E03C 1/1222 . . . {Arrangements of devices in domestic waste water pipe-line systems}
- E03C 1/1225 . . . . {of air admittance valves (structural details of air admittance valves F16K 24/06)}
- E03C 1/1227 . . . . {of pumps for facilitating drawing off}
- E03C 1/126 . . Installations for disinfecting or deodorising waste-water plumbing installations

- E03C 1/14 . . Wash-basins connected to the waste-pipe
- E03C 1/16 . . Wash-fountains connected to the waste-pipe
- E03C 1/18 . . Sinks, whether or not connected to the waste-pipe
- E03C 1/181 . . . Anti-splash devices in sinks ([jet regulators E03C 1/08](#))
- E03C 1/182 . . . connected to the waste-pipe
- E03C 1/184 . . . . adapted for attachment of washing machines or heating or cooling devices ([washing machines for attachment D06F 7/00](#))
- E03C 1/186 . . . Separate partition walls, lids, protecting borders, or the like, for sinks
- E03C 1/20 . . Connecting baths or bidets to the wastepipe
- E03C 1/22 . . Outlet devices mounted in basins, baths, or sinks ([stoppers A47K 1/14](#))
- E03C 1/23 . . . with mechanical closure mechanisms
- E03C 1/2302 . . . . {the actuation force being transmitted to the plug via rigid elements}
- E03C 1/2304 . . . . {the actuation force being transmitted to the plug via flexible elements, e.g. chain, Bowden cable}
- E03C 1/2306 . . . . {the plug being operated by hand contact}
- E03C 1/2308 . . . . {actuated by rotating the wash-basin}
- E03C 2001/2311 . . . . {the actuation force being magnetic or electromagnetic}
- E03C 2001/2313 . . . . {the actuation force being pneumatic or hydraulic}
- E03C 2001/2315 . . . . {the actuation force created by a turning movement of a handle}
- E03C 2001/2317 . . . . {transmission of actuation force involves a spring}
- E03C 1/232 . . . . combined with overflow devices ([overflow devices for basins or baths per se E03C 1/24](#))
- E03C 1/24 . . Overflow devices for basins or baths ([E03C 1/232 takes precedence](#))
- E03C 2001/2406 . . . {Overflow alarm devices}
- E03C 2001/2413 . . . {Covers for temporarily closing off overflow outlets}
- E03C 1/242 . . . automatically actuating supply or draining valves
- E03C 1/244 . . . Separate devices to be placed on the outlet opening
- E03C 1/26 . . Object-catching inserts or similar devices for waste pipes or outlets ([E03C 1/28 takes precedence](#))
- E03C 1/262 . . . combined with outlet stoppers
- E03C 1/264 . . . Separate sieves or similar object-catching inserts
- E03C 1/266 . . . Arrangement of disintegrating apparatus in waste pipes or outlets; Disintegrating apparatus specially adapted for installation in waste pipes or outlets
- E03C 1/2665 . . . . {Disintegrating apparatus specially adapted for installation in waste pipes or outlets ([disintegrating apparatus per se B02C](#))}
- E03C 1/28 . . Odour seals
- E03C 1/281 . . . {using other sealants than water}
- E03C 1/282 . . . combined with additional object-catching devices
- E03C 1/284 . . . having U-shaped trap
- E03C 1/286 . . . . having hand-operated valves against return of waste water

- E03C 1/288 . . . . having non-return valves against return of waste water ([E03C 1/286 takes precedence](#))
  - E03C 1/29 . . . . having housing containing dividing wall, e.g. tubular
  - E03C 1/292 . . . . having elastic housing
  - E03C 1/294 . . . . with provisions against loss of water lock
  - E03C 1/295 . . . . using air-supply valves
  - E03C 1/296 . . . . using water-supply valves
  - E03C 1/298 . . . . consisting only of non-return valve
  - E03C 1/30 . . . . Devices to facilitate removing of obstructions in waste-pipes or sinks [{\(for use in sewer pipes or both in waste and sewer pipes E03F 9/00\)}](#)
  - E03C 1/302 . . . . using devices moved through the pipes [{\(and simultaneously rotated by means of a cable or rods E03F 9/005\)}](#)
  - E03C 1/304 . . . . using fluid under pressure
  - E03C 1/306 . . . . . by means of a tube connected to the water mains
  - E03C 1/308 . . . . . by means of a pumping device
  - E03C 1/32 . . . . Holders or supports for basins
  - E03C 2001/321 . . . . [{Siphon or angle valve covers}](#)
  - E03C 1/322 . . . . connected to the wall only
  - E03C 1/324 . . . . . adjustable
  - E03C 1/326 . . . . . resting on the floor
  - E03C 1/328 . . . . . adjustable
  - E03C 1/33 . . . . Fastening sinks or basins in an apertured support
  - E03C 1/335 . . . . . [{the fastening means comprising a screw}](#)
- E03C 2201/00 Details, devices or methods not otherwise provided for**
- E03C 2201/30 . Diverter valves in faucets or taps
  - E03C 2201/40 . Arrangement of water treatment devices in domestic plumbing installations
  - E03C 2201/45 . . for carbonated water
  - E03C 2201/50 . Constructional features of escutcheons for domestic plumbing installations
  - E03C 2201/60 . Reducing noise in plumbing systems
  - E03C 2201/70 . Reducing or removing limescale at spout outlet
  - E03C 2201/80 . Combined water inlet and outlet devices
  - E03C 2201/90 . Basins movable between several positions