

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](#), F); **SINKS**

E03C 1/00

Domestic plumbing installations for fresh water or waste water; Sinks {(work tops [A47B 77/02B](#))}

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