

**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, <a href="#">F24H</a> )   |
| E03C 1/046     | ...  | Adding soap, disinfectant, or the like in the supply line { or at the water outlet} (preventing contamination of drinking-water pipes <a href="#">E03C 1/10</a> )  |
| 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 <a href="#">F16K</a> )   |
| 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 <a href="#">A47K 3/28</a> )}   |
| E03C 1/063     | ...  | {with reciprocating mechanisms (reciprocating mechanisms for massage, other than showers <a href="#">A61H 2201/1669</a> )}   |
| 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 <a href="#">F16K</a> , <a href="#">F16L</a> )                           |
| 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 <a href="#">E03F 5/04</a> ); Sinks {(wash-basins not connected to the waste-pipe <a href="#">A47K 1/04</a> )} |
| 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 <a href="#">F17D</a> )   |
| 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 <a href="#">F16K 24/06</a> )}   |
| 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 <a href="#">E03C 1/08</a> )   |

|                |      |   |
|----------------|------|---|
| E03C 1/182     | ...  | connected to the waste-pipe   |
| E03C 1/184     | .... | adapted for attachment of washing machines or heating or cooling devices<br>(washing machines for attachment <a href="#">D06F 7/00</a> )                    |
| 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 ( <a href="#">stoppers A47K 1/14</a> )  |
| 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 ( <a href="#">overflow devices for basins or baths per se E03C 1/24</a> )  |
| E03C 1/24      | ..   | Overflow devices for basins or baths ( <a href="#">E03C 1/232 takes precedence</a> )  |
| 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 ( <a href="#">E03C 1/28 takes precedence</a> )  |
| 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;<br>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 ( <a href="#">disintegrating apparatus per se B02C</a> )}            |
| 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 ( <a href="#">E03C 1/286 takes precedence</a> )  |
| 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}   |
| <b>E03C 2201/00</b> |      | <b>Details, devices or methods not otherwise provided for</b>  |
| 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   |