

CPC COOPERATIVE PATENT CLASSIFICATION

E FIXED CONSTRUCTIONS

BUILDING

E03 WATER SUPPLY; SEWERAGE

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

1/00	Domestic plumbing installations for fresh water or waste water; Sinks {(work tops A47B 77/022)}	1/042	. . . Arrangements on taps for wash-basins or baths for connecting to the wall
2001/005	. {Installations allowing recovery of heat from waste water for warming up fresh water}	1/044	. . . having a heating or cooling apparatus in the supply line (water heaters, e.g. with continuous flow, F24H)
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 }	1/046	. . . Adding soap, disinfectant, or the like in the supply line {or at the water outlet} (preventing contamination of drinking-water pipes E03C 1/10)
1/02	. Plumbing installations for fresh water	1/0465	. . . . {by mounting an independent soap dispenser to outlet of tap}
1/021	. . {Devices for positioning or connecting of water supply lines (connection to the tap body E03C 1/0403)}	1/048	. . . supplying water through two or more openings around or along one side of the water-basin
1/023	. . . {with flow distribution, e.g. diverters}	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)
1/025	. . {Water supply lines as such, e.g. shower hoses}	1/052	. . . {Mechanical devices not being part of the tap, e.g. foot pedals}
2001/026	. . {with flow restricting devices}	1/055	. . . {Electrical control devices, e.g. with push buttons, control panels or the like}
2001/028	. . {Alignment aids for plumbing installations}	1/057	. . . . {touchless, i.e. using sensors}
1/04	. . Water-basin installations specially adapted to wash-basins or baths (valves, faucets, mixing valves, taps F16K)	1/06	. . Devices for suspending or supporting the supply pipe or supply hose of a shower-bath {(showers per se A47K 3/28)}
1/0401	. . . {Fixing a tap to the sanitary appliance or to an associated mounting surface, e.g. a countertop}	1/063	. . . {with reciprocating mechanisms (reciprocating mechanisms for massage, other than showers A61H 2201/1669)}
1/0402	. . . . {with mounting from only one side}	1/066	. . . {allowing height adjustment of shower head}
1/0403	. . . {Connecting the supply lines to the tap body}	1/08	. . Jet regulators {or jet guides}, e.g. anti-splash devices
1/0404	. . . {Constructional or functional features of the spout}	2001/082	. . . {Outlets connected by an universal joint}
1/0405	. . . . {enabling multiple spray patterns}	1/084	. . . Jet regulators with aerating means
1/0407	. . . . {Spouts for unpressurized outflow of water}	1/086	. . . Jet regulators or jet guides, easily mountable on the outlet of taps
1/0408	. . . {Water installations especially for showers (E03C 1/06 takes precedence; shower heads B05B 1/18)}	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)
1/0409	. . . . {Shower handles}	1/102	. . . {using an air gap device}
1/041	. . . {having provisions against scalding, e.g. temperature limiting devices, external covers}	1/104	. . . {using a single check valve}
1/0411	. . . {Taps specially designed for dispensing boiling water}	1/106	. . . {using two or more check valves}
1/0412	. . . {Constructional or functional features of the faucet handle (valve actuating members as such F16K 31/60)}	1/108	. . . {having an aerating valve}
2001/0414	. . . {allowing different orientations of the spout or the outlet nozzle}	1/12	. Plumbing installations 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)}
2001/0415	. . . {having an extendable water outlet}	2001/1206	. . {Pipes with specific features for influencing flow characteristics}
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}		

- 2001/1213 . . . {Constructional features of bidet bowls; adapters for using other sanitary appliances as bidet}
- 1/122 . . . Pipe-line systems for waste water in building (pipe-line systems in general F17D)
- 1/1222 . . . {Arrangements of devices in domestic waste water pipe-line systems}
- 1/1225 {of air admittance valves (structural details of air admittance valves F16K 24/06)}
- 1/1227 {of pumps for facilitating drawing off}
- 1/126 . . . Installations for disinfecting or deodorising waste-water plumbing installations
- 1/14 . . . Wash-basins connected to the waste-pipe
- 1/16 . . . Wash-fountains connected to the waste-pipe
- 1/18 . . . Sinks, whether or not connected to the waste-pipe
- 1/181 Anti-splash devices in sinks (jet regulators E03C 1/08)
- 1/182 connected to the waste-pipe
- 1/184 adapted for attachment of washing machines or heating or cooling devices (washing machines for attachment D06F 7/00)
- 1/186 Separate partition walls, lids, protecting borders, or the like, for sinks
- 1/20 . . . Connecting baths or bidets to the wastepipe
- 1/22 . . . Outlet devices mounted in basins, baths, or sinks (stoppers A47K 1/14)
- 1/23 with mechanical closure mechanisms
- 1/2302 {the actuation force being transmitted to the plug via rigid elements}
- 1/2304 {the actuation force being transmitted to the plug via flexible elements, e.g. chain, Bowden cable}
- 1/2306 {the plug being operated by hand contact}
- 1/2308 {actuated by rotating the wash-basin}
- 2001/2311 {the actuation force being magnetic or electromagnetic}
- 2001/2313 {the actuation force being pneumatic or hydraulic}
- 2001/2315 {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)
- 2001/2406 {Overflow alarm devices}
- 2001/2413 {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}
- 2201/00 Details, devices or methods not otherwise provided for**
- 2201/30 . . . Diverter valves in faucets or taps
- 2201/40 . . . Arrangement of water treatment devices in domestic plumbing installations
- 2201/45 . . . for carbonated water
- 2201/50 . . . Constructional features of escutcheons for domestic plumbing installations
- 2201/60 . . . Reducing noise in plumbing systems
- 2201/70 . . . Reducing or removing limescale at spout outlet
- 2201/80 . . . Combined water inlet and outlet devices
- 2201/90 . . . Basins movable between several positions