

# 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

<b>1/00</b>	<b>Domestic plumbing installations for fresh water or waste water; Sinks</b> {(work tops <a href="#">A47B 77/022</a> )}	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, <a href="#">F24H</a> )
1/01	. for combinations of baths, showers, sinks, wash-basins, closets, urinals, or the like {(combinations of baths, douches, or the like, <a href="#">A47K 4/00</a> ; cell-like units for special technical purposes <a href="#">E04B 1/34869</a> ; panels adapted for locating conduits <a href="#">E04C 2/52</a> ; ducts for installation lines <a href="#">E04F 17/08</a> )}	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> )
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 <a href="#">E03C 1/0403</a> )}	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 <a href="#">per se F16K</a> )
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 <a href="#">F16K</a> )	1/06	. . Devices for suspending or supporting the supply pipe or supply hose of a shower-bath {(showers <a href="#">per se A47K 3/28</a> )}
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 <a href="#">A61H 2201/1669</a> )}
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 ( <a href="#">E03C 1/06</a> takes precedence; shower heads <a href="#">B05B 1/18</a> )}	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> )
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 <a href="#">F16K 31/60</a> )}	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 <a href="#">E03F 5/04</a> ); Sinks {(wash-basins not connected to the waste-pipe <a href="#">A47K 1/04</a> )}
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}	1/2665	. . . . {Disintegrating apparatus specially adapted for installation in waste pipes or outlets (disintegrating apparatus per se B02C)}
1/122	. . Pipe-line systems for waste water in building (pipe-line systems in general F17D)	1/28	. . Odour seals
1/1222	. . . {Arrangements of devices in domestic waste water pipe-line systems}	1/281	. . . {using other sealants than water}
1/1225	. . . . {of air admittance valves (structural details of air admittance valves F16K 24/06)}	1/282	. . . combined with additional object-catching devices
1/1227	. . . . {of pumps for facilitating drawing off}	1/284	. . . having U-shaped trap
1/126	. . Installations for disinfecting or deodorising waste-water plumbing installations	1/286	. . . . having hand-operated valves against return of waste water
1/14	. . Wash-basins connected to the waste-pipe	1/288	. . . . having non-return valves against return of waste water (E03C 1/286 takes precedence)
1/16	. . Wash-fountains connected to the waste-pipe	1/29	. . . having housing containing dividing wall, e.g. tubular
1/18	. . Sinks, whether or not connected to the waste-pipe	1/292	. . . . having elastic housing
1/181	. . . Anti-splash devices in sinks (jet regulators E03C 1/08)	1/294	. . . with provisions against loss of water lock
1/182	. . . connected to the waste-pipe	1/295	. . . . using air-supply valves
1/184	. . . . adapted for attachment of washing machines or heating or cooling devices (washing machines for attachment D06F 7/00)	1/296	. . . . using water-supply valves
1/186	. . . Separate partition walls, lids, protecting borders, or the like, for sinks	1/298	. . . consisting only of non-return valve
1/20	. . Connecting baths or bidets to the wastepipe	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)}
1/22	. . Outlet devices mounted in basins, baths, or sinks (stoppers A47K 1/14)	1/302	. . . using devices moved through the pipes {(and simultaneously rotated by means of a cable or rods E03F 9/005)}
1/23	. . . with mechanical closure mechanisms	1/304	. . . using fluid under pressure
1/2302	. . . . {the actuation force being transmitted to the plug via rigid elements}	1/306	. . . . by means of a tube connected to the water mains
1/2304	. . . . {the actuation force being transmitted to the plug via flexible elements, e.g. chain, Bowden cable}	1/308	. . . . by means of a pumping device
1/2306	. . . . {the plug being operated by hand contact}	1/32	. . Holders or supports for basins
1/2308	. . . . {actuated by rotating the wash-basin}	2001/321	. . . {Siphon or angle valve covers}
2001/2311	. . . . {the actuation force being magnetic or electromagnetic}	1/322	. . . connected to the wall only
2001/2313	. . . . {the actuation force being pneumatic or hydraulic}	1/324	. . . . adjustable
2001/2315	. . . . {the actuation force created by a turning movement of a handle}	1/326	. . . resting on the floor
2001/2317	. . . . {transmission of actuation force involves a spring}	1/328	. . . . adjustable
1/232	. . . . combined with overflow devices (overflow devices for basins or baths per se E03C 1/24)	1/33	. . . Fastening sinks or basins in an apertured support
1/24	. . Overflow devices for basins or baths (E03C 1/232 takes precedence)	1/335	. . . . {the fastening means comprising a screw}
2001/2406	. . . {Overflow alarm devices}		
2001/2413	. . . {Covers for temporarily closing off overflow outlets}	<b>2201/00</b>	<b>Details, devices or methods not otherwise provided for</b>
1/242	. . . automatically actuating supply or draining valves	2201/30	. Diverter valves in faucets or taps
1/244	. . . Separate devices to be placed on the outlet opening	2201/40	. Arrangement of water treatment devices in domestic plumbing installations
1/26	. . Object-catching inserts or similar devices for waste pipes or outlets (E03C 1/28 takes precedence)	2201/45	. . for carbonated water
1/262	. . . combined with outlet stoppers	2201/50	. Constructional features of escutcheons for domestic plumbing installations
1/264	. . . Separate sieves or similar object-catching inserts	2201/60	. Reducing noise in plumbing systems
1/266	. . . Arrangement of disintegrating apparatus in waste pipes or outlets; Disintegrating apparatus specially adapted for installation in waste pipes or outlets	2201/70	. Reducing or removing limescale at spout outlet
		2201/80	. Combined water inlet and outlet devices
		2201/90	. Basins movable between several positions