

# 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

#### WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

1/00	Domestic plumbing installations for fresh water or waste water; Sinks <a href="#">{(work tops <a href="#">A47B 77/022</a>)}</a>	2001/0417	. . . {having space-saving features, e.g. retractable, demountable}
2001/005	. {Installations allowing recovery of heat from waste water for warming up fresh water}	2001/0418	. . . {having temperature indicating means}
1/01	. for combinations of baths, showers, sinks, wash-basins, closets, urinals, or the like <a href="#">{(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>)}</a>	1/042	. . . Arrangements on taps for wash-basins or baths for connecting to the wall
1/02	. Plumbing installations for fresh water	1/044	. . . having a heating or cooling apparatus in the supply line <a href="#">(water heaters, e.g. with continuous flow, <a href="#">F24H</a>)</a>
1/021	. . {Devices for positioning or connecting of water supply lines <a href="#">(connection to the tap body <a href="#">E03C 1/0403</a>)}</a>	1/046	. . . Adding soap, disinfectant, or the like in the supply line <a href="#">{or at the water outlet} <a href="#">(preventing contamination of drinking-water pipes <a href="#">E03C 1/10</a>)</a></a>
1/023	. . . {with flow distribution, e.g. diverters}	1/0465	. . . . {by mounting an independent soap dispenser to outlet of tap}
1/025	. . {Water supply lines as such, e.g. shower hoses}	1/048	. . . supplying water through two or more openings around or along one side of the water-basin
2001/026	. . {with flow restricting devices}	1/05	. . Arrangements of devices on wash-basins, baths, sinks, or the like for remote control of taps <a href="#">(remote control of taps or the like <a href="#">per se <a href="#">F16K</a></a>)</a>
2001/028	. . {Alignment aids for plumbing installations}	1/052	. . . {Mechanical devices not being part of the tap, e.g. foot pedals}
1/04	. . Water-basin installations specially adapted to wash-basins or baths <a href="#">(valves, faucets, mixing valves, taps <a href="#">F16K</a>)</a>	1/055	. . . {Electrical control devices, e.g. with push buttons, control panels or the like}
1/0401	. . . {Fixing a tap to the sanitary appliance or to an associated mounting surface, e.g. a countertop}	1/057	. . . . {touchless, i.e. using sensors}
1/0402	. . . . {with mounting from only one side}	1/06	. . Devices for suspending or supporting the supply pipe or supply hose of a shower-bath <a href="#">{(showers <a href="#">per se <a href="#">A47K 3/28</a>)}</a></a>
1/0403	. . . {Connecting the supply lines to the tap body}	1/063	. . . {with reciprocating mechanisms <a href="#">(reciprocating mechanisms for massage, other than showers <a href="#">A61H 2201/1669</a>)}</a>
1/0404	. . . {Constructional or functional features of the spout}	1/066	. . . {allowing height adjustment of shower head}
1/0405	. . . . {enabling multiple spray patterns}	1/08	. . Jet regulators <a href="#">{or jet guides}</a> , e.g. anti-splash devices
1/0407	. . . . {Spouts for unpressurized outflow of water}	2001/082	. . . {Outlets connected by an universal joint}
1/0408	. . . {Water installations especially for showers <a href="#">(E03C 1/06 takes precedence; shower heads <a href="#">B05B 1/18</a>)}</a>	1/084	. . . Jet regulators with aerating means
1/0409	. . . . {Shower handles}	1/086	. . . Jet regulators or jet guides, easily mountable on the outlet of taps
1/041	. . . {having provisions against scalding, e.g. temperature limiting devices, external covers}	1/10	. . Devices for preventing contamination of drinking-water pipes, e.g. means for aerating self-closing flushing valves <a href="#">(vacuum-breakers in general <a href="#">F16K</a>, <a href="#">F16L</a>)</a>
1/0411	. . . {Taps specially designed for dispensing boiling water}	1/102	. . . {using an air gap device}
1/0412	. . . {Constructional or functional features of the faucet handle <a href="#">(valve actuating members as such <a href="#">F16K 31/60</a>)}</a>	1/104	. . . {using a single check valve}
2001/0414	. . . {allowing different orientations of the spout or the outlet nozzle}	1/106	. . . {using two or more check valves}
2001/0415	. . . {having an extendable water outlet}		
2001/0416	. . . {using a socket for mounting of faucet}		

1/108	. . . {having an aerating valve}	2001/2317	. . . . {transmission of actuation force involves a spring}
1/12	. Plumbing installations for waste water; Basins or fountains connected thereto ( <a href="#">drainage devices in floors E03F 5/04</a> ); Sinks {(wash-basins not connected to the waste-pipe <a href="#">A47K 1/04</a> )}	1/232	. . . . combined with overflow devices ( <a href="#">overflow devices for basins or baths per se E03C 1/24</a> )
2001/1206	. . {Pipes with specific features for influencing flow characteristics}	1/24	. . Overflow devices for basins or baths ( <a href="#">E03C 1/232 takes precedence</a> )
2001/1213	. . {Constructional features of bidet bowls; adapters for using other sanitary appliances as bidet}	2001/2406	. . . . {Overflow alarm devices}
1/122	. . Pipe-line systems for waste water in building ( <a href="#">pipe-line systems in general F17D</a> )	2001/2413	. . . . {Covers for temporarily closing off overflow outlets}
1/1222	. . . . {Arrangements of devices in domestic waste water pipe-line systems}	1/242	. . . . automatically actuating supply or draining valves
1/1225	. . . . {of air admittance valves ( <a href="#">structural details of air admittance valves F16K 24/06</a> )}	1/244	. . . . Separate devices to be placed on the outlet opening
1/1227	. . . . {of pumps for facilitating drawing off}	1/26	. . Object-catching inserts or similar devices for waste pipes or outlets ( <a href="#">E03C 1/28 takes precedence</a> )
1/126	. . Installations for disinfecting or deodorising waste-water plumbing installations	1/262	. . . . combined with outlet stoppers
1/14	. . Wash-basins connected to the waste-pipe	1/264	. . . . Separate sieves or similar object-catching inserts
1/16	. . Wash-fountains connected to the waste-pipe	1/266	. . . . Arrangement of disintegrating apparatus in waste pipes or outlets; Disintegrating apparatus specially adapted for installation in waste pipes or outlets
1/18	. . Sinks, whether or not connected to the waste-pipe	1/2665	. . . . . {Disintegrating apparatus specially adapted for installation in waste pipes or outlets ( <a href="#">disintegrating apparatus per se B02C</a> )}
1/181	. . . Anti-splash devices in sinks, e.g. splash guards ( <a href="#">jet regulators E03C 1/08</a> )	1/28	. . Odour seals
<b>WARNING</b>		1/281	. . . . {using other sealants than water}
Group <a href="#">E03C 1/181</a> is incomplete pending reclassification of documents from group <a href="#">A47J 47/20</a> .		1/282	. . . . combined with additional object-catching devices
Groups <a href="#">A47J 47/20</a> and <a href="#">E03C 1/181</a> should be considered in order to perform a complete search.		1/284	. . . . having U-shaped trap
1/182	. . . connected to the waste-pipe	1/286	. . . . . having hand-operated valves against return of waste water
1/184	. . . . adapted for attachment of washing machines or heating or cooling devices ( <a href="#">washing machines for attachment D06F 7/00</a> )	1/288	. . . . . having non-return valves against return of waste water ( <a href="#">E03C 1/286 takes precedence</a> )
1/186	. . . Separate partition walls, lids, protecting borders, or the like, for sinks	1/29	. . . . having housing containing dividing wall, e.g. tubular
<b>WARNING</b>		1/292	. . . . . having elastic housing
Group <a href="#">E03C 1/186</a> is incomplete pending reclassification of documents from group <a href="#">A47J 47/20</a> .		1/294	. . . . with provisions against loss of water lock
Groups <a href="#">A47J 47/20</a> and <a href="#">E03C 1/186</a> should be considered in order to perform a complete search.		1/295	. . . . . using air-supply valves
1/20	. . Connecting baths or bidets to the wastepipe	1/296	. . . . . using water-supply valves
1/22	. . Outlet devices mounted in basins, baths, or sinks ( <a href="#">stoppers A47K 1/14</a> )	1/298	. . . . . consisting only of non-return valve
1/23	. . . with mechanical closure mechanisms	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 <a href="#">E03F 9/00</a> )}
1/2302	. . . . {the actuation force being transmitted to the plug via rigid elements}	1/302	. . . . using devices moved through the pipes {(and simultaneously rotated by means of a cable or rods <a href="#">E03F 9/005</a> )}
1/2304	. . . . {the actuation force being transmitted to the plug via flexible elements, e.g. chain, Bowden cable}	1/304	. . . . using fluid under pressure
1/2306	. . . . . {the plug being operated by hand contact}	1/306	. . . . . by means of a tube connected to the water mains
1/2308	. . . . . {actuated by rotating the wash-basin}	1/308	. . . . . by means of a pumping device
2001/2311	. . . . {the actuation force being magnetic or electromagnetic}	1/32	. . Holders or supports for basins
2001/2313	. . . . {the actuation force being pneumatic or hydraulic}	2001/321	. . . . {Siphon or angle valve covers}
2001/2315	. . . . {the actuation force created by a turning movement of a handle}	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}
		<b>2201/00</b>	<b>Details, devices or methods not otherwise provided for</b>

## E03C

- 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