# SECTION E — FIXED CONSTRUCTIONS

## WATER SUPPLY; SEWERAGE E03

**INSTALLATIONS OR METHODS FOR OBTAINING, COLLECTING, OR DISTRIBUTING WATER** (drilling wells, obtaining fluids in general from wells E21B; pipe-line systems in general F17D) E03B

## Subclass index

LAYOUT	1/00, 5/00
METHODS	
INSTALLATIONS	3/00. 5/00. 9/00
PIPE SYSTEMS; TANKS	, ,

<u>ubclass</u>	<u>index</u>		
AYOUT			1/00, 5/00
IETHO!	DS		1/00, 3/00, 9/00
NSTALI	LATIONS		3/00, 5/00, 9/00
IPE SY	STEMS; TANKS		7/00, 11/00
1/00	Methods or layout of installations for water supply	3/40	Other devices for confining, e.g. trenches, drainage
	(E03B 3/00, E03B 9/00 take precedence) [4]		
1/02	for public or like main supply	5/00	Use of pumping plants or installations; Layouts
1/04	for domestic or like local supply		<b>thereof</b> (pumps, pumping plants or installations <u>per se,</u> F04)
3/00	Methods or installations for obtaining or collecting	5/02	<ul> <li>arranged in buildings</li> </ul>
	drinking water or tap water (treatment of water	5/04	<ul> <li>arranged in wells</li> </ul>
	C02F) [4]	5/06	Special equipment
3/02	<ul> <li>from rain-water</li> </ul>		
3/03	<ul> <li>Special vessels for collecting or storing rain-water for use in the household, e.g. water-butts</li> </ul>	7/00	<b>Water main or service pipe systems</b> (pipes or tubes in general F16L)
3/04	from surface water	7/02	<ul> <li>Public or like main pipe systems</li> </ul>
3/06	from underground	7/04	<ul> <li>Domestic or like local pipe systems (domestic</li> </ul>
3/08	<ul> <li>Obtaining and confining water by means of wells</li> </ul>		plumbing E03C 1/02)
	(applicable to a combination of water and other	7/07	<ul> <li>Arrangement of devices, e.g. filters, flow controls,</li> </ul>
	liquids or to other liquids only E21B 43/00)		measuring devices, siphons, valves, in the pipe
3/10	• • by means of pit wells		systems (devices <u>per se</u> , <u>see</u> the relevant classes for
3/11	• • • in combination with tubes, e.g. perforated,	7,00	these devices)
	extending horizontally, or upwardly inclined,	7/08	<ul> <li>Arrangement of draining devices (draining devices in general F16K, F16L)</li> </ul>
2/12	exterior to the pits  • • by means of vertical pipe wells	7/09	<ul> <li>Component parts or accessories (tools for cleaning</li> </ul>
3/12	<ul> <li>by means of vertical pipe wells</li> <li>by means of horizontal or oblique wells</li> </ul>		pipes B08B 9/02; devices for preventing
3/14	•		contamination of drinking water pipes for domestic
3/15	Keeping wells in good condition, e.g. by cleaning, repairing, regenerating; Maintaining or enlarging the capacity of wells or water-		use E03C 1/10; devices for preventing damage in case of bursts of pipes F16L; heating of pipes in general F16L 53/00)
	bearing layers (with artificial enrichment E03B 3/32)	7/10	<ul> <li>Devices preventing bursting of pipes by freezing</li> </ul>
3/16	• • Component parts of wells		(devices preventing bursting of pipes in general F16L 55/00)

3/03	<ul> <li>Special vessels for collecting or storing rain-water for use in the household, e.g. water-butts</li> </ul>	7/00	<b>Water main or service pipe systems</b> (pipes or tubes in general F16L)
3/04	from surface water	7/02	<ul> <li>Public or like main pipe systems</li> </ul>
3/06 3/08	<ul> <li>from underground</li> <li>Obtaining and confining water by means of wells</li> </ul>	7/04	<ul> <li>Domestic or like local pipe systems (domestic plumbing E03C 1/02)</li> </ul>
3/00	(applicable to a combination of water and other liquids or to other liquids only E21B 43/00)	7/07	<ul> <li>Arrangement of devices, e.g. filters, flow controls, measuring devices, siphons, valves, in the pipe</li> </ul>
3/10	<ul> <li>• • by means of pit wells</li> </ul>		systems (devices <u>per se</u> , <u>see</u> the relevant classes for these devices)
3/11	<ul> <li>• • in combination with tubes, e.g. perforated, extending horizontally, or upwardly inclined, exterior to the pits</li> </ul>	7/08	<ul> <li>Arrangement of draining devices (draining devices in general F16K, F16L)</li> </ul>
3/12	• • by means of vertical pipe wells	7/09	<ul> <li>Component parts or accessories (tools for cleaning</li> </ul>
3/14	• • by means of horizontal or oblique wells		pipes B08B 9/02; devices for preventing
3/15	<ul> <li>Keeping wells in good condition, e.g. by cleaning, repairing, regenerating; Maintaining or enlarging the capacity of wells or water-</li> </ul>		contamination of drinking water pipes for domestic use E03C 1/10; devices for preventing damage in case of bursts of pipes F16L; heating of pipes in general F16L 53/00)
2/46	bearing layers (with artificial enrichment E03B 3/32)	7/10	<ul> <li>Devices preventing bursting of pipes by freezing (devices preventing bursting of pipes in general</li> </ul>
3/16	• • • Component parts of wells		F16L 55/00)
3/18	• • • Well filters (filters in general B01D 24/00- B01D 35/00)	7/12	<ul> <li>• • by preventing freezing</li> </ul>
3/20	• • • • of elements of special shape	7/14	<ul> <li>Devices for thawing frozen pipes</li> </ul>
3/22	• • • • • Selection of specified materials	9/00	Methods or installations for drawing-off water
3/24	• • • formed of loose materials, e.g. gravel	3/00	(domestic water-drawing devices E03C; taps or valves
3/26	• • • • with packed filtering material		per se F16K) [4]
3/28	<ul> <li>from humid air (condensing of vapours in general B01D 5/00; dehumidification of air for air-</li> </ul>	9/02	Hydrants; Arrangement of valves therein; Keys for hydrants
	conditioning F24F 3/14)	9/04	Column hydrants
3/30	• from snow or ice [4]	9/06	• • Covers
3/32	<ul> <li>with artificial enrichment, e.g. by adding water from</li> </ul>	9/08	<ul> <li>Underground hydrants</li> </ul>
	a pond or a river	9/10	<ul> <li>Protective plates or covers</li> </ul>
3/34	<ul> <li>of underground water</li> </ul>	9/12	• • • Stand-pipes
3/36	<ul> <li>of surface water</li> </ul>	9/14	<ul> <li>Draining devices for hydrants</li> </ul>
3/38	<ul> <li>Curbs for springs</li> </ul>	9/16	• • Devices for retaining foreign matter, e.g. sand

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9/18	• • Cleaning tools for hydrants	• for domestic or like local water supply
9/20	• • Pillar fountains or like apparatus for dispensing	11/04 • • without air regulator
	drinking water	11/06 • • with air regulator
11/00	Assessments on adventations of Applie formants.	11/08 • • • Air regulators
11/00	Arrangements or adaptations of tanks for water supply (water-butts E03B 3/03; storage aspects B65D,	11/10 • for public or like main water supply
	B65G, F17B, F17C; foundations E02D 27/38;	11/12 • • of high-level tanks
	construction or assembling of bulk storage containers	11/14 • • of underground tanks
	employing civil engineering techniques E04H 7/00; tower aspects E04H 12/00)	• • Adaptations of devices for putting pumping plants in and out of operation, e.g. automatic control devices
E03C	<b>DOMESTIC PLUMBING INSTALLATIONS FOR FR</b> supply main or to waste pipe A47K; devices of the kind used	<b>ESH WATER OR WASTE WATER</b> (not connected to either water-in the ground E03B, E03F); <b>SINKS</b>
1/00	Domestic plumbing installations for fresh water or waste water; Sinks	1/22 • • Outlet devices mounted in basins, baths, or sinks (stoppers A47K 1/14)
1/01	for combinations of baths, showers, sinks, wash-	1/23 • • with mechanical closure mechanisms
	basins, closets, urinals, or the like	1/232 • • • combined with overflow devices (overflow
1/02	<ul> <li>Plumbing installations for fresh water</li> </ul>	devices for basins or baths per se
1/04	<ul> <li>Water-basin installations specially adapted to</li> </ul>	E03C 1/24)
	wash-basins or baths (valves, faucets, mixing valves, taps $F16K$ )	1/24 • • Overflow devices for basins or baths (E03C 1/232 takes precedence)
1/042	• • Arrangements on taps for wash-basins or baths for connecting to the wall	1/242 • • • automatically actuating supply or draining valves
1/044	<ul> <li>having a heating or cooling apparatus in the supply line (water heaters, e.g. with continuous</li> </ul>	1/244 • • Separate devices to be placed on the outlet opening
	flow, F24H)	1/26 • • Object-catching inserts or similar devices for
1/046	• • Adding soap, disinfectant, or the like, in the	waste pipes or outlets (E03C 1/28 takes
	supply line (preventing contamination of	precedence)
1 /0 40	drinking-water pipes E03C 1/10)	1/262 • • • combined with outlet stoppers
1/048	• • supplying water through two or more openings around or along one side of the water-basin	1/264 • • • Separate sieves or similar object-catching inserts
1/05	Arrangements of devices on wash-basins, baths, sinks, or the like, for remote control of taps	1/266 • • • Arrangement of disintegrating apparatus in waste pipes or outlets; Disintegrating apparatus
1./00	(remote control of taps or the like, <u>per se</u> F16K)	specially adapted for installation in waste pipes
1/06	<ul> <li>Devices for suspending or supporting the supply pipe or supply hose of a shower-bath</li> </ul>	or outlets 1/28 • • Odour seals
1/08	Jet regulators, e.g. anti-splash devices	1/282 • • • combined with additional object-catching
1/084	• Jet regulators with aerating means	devices
1/086	• • Jet regulators or jet guides, easily mountable on	1/284 • • having U-shaped trap
	the outlet of taps	1/286 • • • having hand-operated valves against return
1/10	<ul> <li>Devices for preventing contamination of drinking-</li> </ul>	of waste water
	water pipes, e.g. means for aerating self-closing flushing valves (vacuum-breakers in general	1/288 • • • having non-return valves against return of waste water (E03C 1/286 takes precedence)
	F16K, F16L)	1/29 • • having housing containing dividing wall, e.g.
1/12	Plumbing installations for waste water; Basins or fountains connected thereto (drainage devices in	tubular
	fountains connected thereto (drainage devices in floors E03F 5/04); Sinks	1/292 • • • having elastic housing
1/122	Pipe-line systems for waste water in buildings	1/294 • • • with provisions against loss of water lock
1,122	(pipe-line systems in general F17D)	1/295 • • • using air-supply valves
1/126	Installations for disinfecting or deodorising waste-	1/296 • • • using water-supply valves
	water plumbing installations	1/298 • • • consisting only of non-return valve
1/14	<ul> <li>Wash-basins connected to the waste pipe</li> </ul>	<ul> <li>1/30 • Devices to facilitate removing of obstructions in waste pipes or sinks</li> </ul>
1/16	<ul> <li>Wash-fountains connected to the waste pipe</li> </ul>	1/302 • • using devices moved through the pipes
1/18	<ul> <li>Sinks, whether or not connected to the waste-pipe</li> </ul>	1/304 • • using fluid under pressure
1/181	• • • Anti-splash devices in sinks (jet regulators E03C 1/08)	1/306 • • • by means of a tube connected to the water mains
1/182	1 1	1/308 • • • by means of a pumping device
1/184	• • • adapted for attachment of washing machines	1/32 • Holders or supports for basins
	or heating or cooling devices (washing	1/32 • • • connected to the wall only
1/100	machines for attachment D06F 7/00)	1/324 • • • adjustable
1/186	<ul> <li>• Separate partition walls, lids, protecting borders, or the like, for sinks</li> </ul>	1/326 • • resting on the floor
1/20	Connecting baths or bidets to the waste pipe	1/328 • • • adjustable
1/20	Connecting baths of blacts to the waste hipe	<del></del>

support

### WATER-CLOSETS OR URINALS WITH FLUSHING DEVICES; FLUSHING VALVES THEREFOR E03D

3/04

3/06

• with piston valve and pressure chamber for

• • with diaphragm valve and pressure chamber for

retarding the valve-closing movement

retarding the valve-closing movement

general F16K 21/04)

Subclass	index		
WATER-	CLOSETS, FLUSHING DEVICES		
	al structure		······································
	al constructions		· · · · · · · · · · · · · · · · · · ·
	ORIES, COMPONENT PARTS		
UKINAL	S	•••••	13/00
1/00	Water flushing devices with cisterns	3/08	<ul> <li>with other retarding devices</li> </ul>
1/01	Shape or selection of material for flushing cisterns	3/10	<ul> <li>Flushing devices with pressure-operated reservoir,</li> </ul>
1/012	<ul> <li>Details of shape of cisterns, e.g. for connecting to</li> </ul>		e.g. air chamber
	wall, for supporting or connecting flushing-device	3/12	<ul> <li>Flushing devices discharging variable quantities of</li> </ul>
	actuators		water (flushing cisterns discharging variable
1/02	<ul> <li>High-level flushing systems</li> </ul>		quantities of water E03D 1/14)
1/04	<ul> <li>Cisterns with bell siphons</li> </ul>	5/00	Special constructions of flushing devices (in motor
1/05	<ul> <li>• with movable siphon bells</li> </ul>	3/00	vehicles or trailers B60R 15/00; in railway carriages
1/06	<ul> <li>Cisterns with tube siphons</li> </ul>		B61D 35/00; in ships B63B 29/14; in aircraft
1/07	<ul> <li>• with movable or deformable siphon tubes</li> </ul>		B64D 11/02)
1/08	<ul> <li>• Siphon action initiated by air or water pressure</li> </ul>	5/01	<ul> <li>using flushing pumps</li> </ul>
1/10	<ul> <li>• Siphon action initiated by raising the water</li> </ul>	5/012	<ul> <li>combined with movable closure elements in the bowl</li> </ul>
	level in the cistern, e.g. by means of		outlet (bowls with closure elements between bottom
	displacement members		or outlet and outlet pipe E03D 11/10)
1/12	<ul> <li>• • Siphon action initiated by outlet of air</li> </ul>	5/014	<ul> <li>with devices for separate removal of liquids and</li> </ul>
1/14	<ul> <li>Cisterns discharging variable quantities of water</li> </ul>		solids
	(twin or multiple flushing cisterns E03D 1/22;	5/016	<ul> <li>with recirculation of bowl-cleaning fluid</li> </ul>
	flushing devices operated by pressure of the water	5/02	<ul> <li>operated mechanically or hydraulically (E03D 5/01,</li> </ul>
	supply system and discharging variable quantities of water E03D 3/12)		E03D 5/12 take precedence)
1/16	Cisterns for periodical discharge	5/04	<ul> <li>directly by the seat or cover</li> </ul>
1/18	Cisterns empty when not in action	5/06	<ul> <li>directly by the door</li> </ul>
1/20	Cisterns with tiltably-mounted containers	5/08	<ul> <li>directly by foot</li> </ul>
1/22	Twin or multiple flushing cisterns	5/09	<ul> <li>directly by hand</li> </ul>
1/24	Low-level flushing systems	5/092	• • • the flushing element, e.g. siphon bell, being
1/24	Bowl with flushing cistern mounted on the		actuated through a lever
1/20	rearwardly extending end of the bowl (shape or	5/094	• • • the flushing element, e.g. siphon bell, being
	material of the cistern E03D 1/01; constructional		actuated through a cable, chain, or the like
	features of the bowl E03D 11/02-E03D 11/12)	5/10	• operated electrically (E03D 5/01, E03D 5/12 take
1/28	Bowl integral with the flushing cistern	E /10	precedence)
1/30	Valves for high or low cisterns; Their arrangement	5/12	<ul> <li>discharging periodically (high-level cisterns for periodical discharge E03D 1/16)</li> </ul>
	(inlet valves, valves in general F16K)		periodical discharge E03D 1/10)
1/32	<ul> <li>Arrangement of inlet valves (devices for reducing</li> </ul>	7/00	Wheeled lavatories (wheeled closets without flushing
	noise E03D 9/14)		A47K 11/00; construction of land vehicles B62)
1/33	<ul> <li>Adaptations or arrangements of floats (actuating-</li> </ul>		,
	floats in general F16K 33/00)	9/00	Sanitary or other accessories for lavatories (hand
1/34	• • Flushing valves for outlets; Arrangement of outlet		tools for cleaning the toilet bowl A47K 11/10; seats or
	valves		covers for closets A47K 13/00; body supports, other
1/35	<ul> <li>• • Flushing valves having buoyancy [2]</li> </ul>		than seats, for closets A47K 17/02; devices for preventing contamination of drinking-water pipes
1/36	<ul> <li>Associated working of inlet and outlet valves</li> </ul>		E03C 1/10)
1/38	<ul> <li>Adaptations or arrangements of flushing pipes (noise-</li> </ul>	9/02	Devices adding a disinfecting, deodorising or
	absorbing means in pipe systems F16L 55/00)	3,02	cleaning agent to the water while flushing, or in the
3/00	Flushing devices operated by pressure of the water		flushing tank (apparatus for disinfection of materials
3/00	supply system		or objects in general A61L 2/00; treatment of water in
3/02	Self-closing flushing valves (self-closing valves in		general C02F)
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9/03

9/04

9/05

consisting of a separate container with an outlet

through which the agent is introduced into the

flushing water, e.g. by suction

· ventilating the bowl

• Special arrangement or operation of ventilating

devices (ventilating rooms in general F24F)

9/052	• • • using incorporated fans [2]	11/04	Bowls of flat shape with only slightly inclined
9/06	<ul> <li>Auxiliary chambers with water connection to the</li> </ul>		bottom
	flushing pipe and adapted to receive utensils for	11/06	Bowls with downwardly-extending flanges
9/08	<ul><li>bowl-cleaning, e.g. brushes</li><li>Devices in the bowl producing upwardly-directed</li></ul>	11/08	Bowls with means producing a flushing water swirl
3700	sprays; Modifications of the bowl for use with such	11/10	Bowls with closure elements provided between
	devices (showers A47K 3/28; bathing devices for	11/10	bottom or outlet and the outlet pipe; Bowls with
	special therapeutic or hygienic purposes A61H 33/00,		pivotally supported inserts
0/10	for specific parts of the body A61H 35/00)  • Waste-disintegrating apparatus combined with the	11/11	Bowls combined with a reservoir, e.g. containing
9/10	bowl	11/17	apparatus for disinfecting or for disintegrating
9/12	Means to prevent freezing of lavatories	11/12	<ul> <li>Swivel-mounted bowls, e.g. for use in restricted spaces</li> </ul>
9/14	Noise-reducing means combined with flushing valves	11/13	<ul> <li>Parts or details of bowls; Special adaptations of pipe</li> </ul>
	(noise-absorbing means in pipe systems F16L 55/00)		joints or couplings for use with bowls [2]
9/16	<ul> <li>Water pressure regulating means in flushing pipes</li> </ul>	11/14	• Means for connecting the bowl to the wall, e.g. to
11/00	Other component parts of water-closets (pipe joints or	11/10	a wall outlet [2]
	couplings in general F16L)	11/16	<ul> <li>Means for connecting the bowl to the floor, e.g. to a floor outlet [2]</li> </ul>
11/02	<ul> <li>Water-closet bowls (auxiliary chambers with</li> </ul>	11/17	<ul> <li>Means for connecting the bowl to the flushing</li> </ul>
	connections to flushing water for bowl-cleaning utensils E03D 9/06; modified for using upwardly-		pipe <b>[2]</b>
	directed sprays E03D 9/08; seats or covers	11/18	• Siphons (for pipes in general F16L 43/00,
	A47K 13/00)		F16L 45/00)
		13/00	Urinals (without flushing devices A47K 11/00)
E03F	SEWERS; CESSPOOLS		
	GOLS		
1/00	Methods, systems, or installations for draining-off	5/16	• • Devices for separating oil, water, or grease from
	sewage or storm water	F /10	sewage in drains leading to the main sewer
3/00	Sewer pipe-line systems	5/18	<ul> <li>Tanks for disinfecting, neutralising, or cooling sewage (arrangements in tanks as to the biological or</li> </ul>
3/02	<ul> <li>Arrangement of sewer pipe-lines or pipe-line systems</li> </ul>		chemical aspect C02F)
3/04	Pipes or fittings specially adapted to sewers	5/20	Siphon pipes or inverted siphons (for connections of
	(manufacture of concrete tubes B28; pipes or pipe fittings in general F16L)	F (22	baths, basins, or the like E03C 1/12)
3/06	Methods of, or installations for, laying sewer pipes	5/22	<ul> <li>Adaptations of pumping plants for lifting sewage</li> </ul>
3, 00	(making pipes in situ F16L 1/038) [6]		(wheeled apparatus for emptying sewers or resencels
F /00			(wheeled apparatus for emptying sewers or cesspools E03F 7/10; pumps, pumping plants, per se F04)
<b>5/00</b> 5/02		5/24	
3/02	Sewerage structures  Manhole shafts or other inspection chambers (in	5/24 5/26	E03F 7/10; pumps, pumping plants, per se F04)
	<ul> <li>Manhole shafts or other inspection chambers (in</li> </ul>	5/26	<ul> <li>E03F 7/10; pumps, pumping plants, per se F04)</li> <li>Installations for neutralising explosions in sewers</li> <li>Installations for stirring-up sewage</li> </ul>
E /0.4	<ul> <li>Manhole shafts or other inspection chambers (in general E02D 29/12); Snow-filling openings; Accessories (covers or frames for manholes or the</li> </ul>		<ul><li>E03F 7/10; pumps, pumping plants, <u>per se</u> F04)</li><li>Installations for neutralising explosions in sewers</li></ul>
5/04 5/042	<ul> <li>Manhole shafts or other inspection chambers (in general E02D 29/12); Snow-filling openings; Accessories (covers or frames for manholes or the like E02D 29/14)</li> </ul>	5/26 <b>7/00</b>	<ul> <li>E03F 7/10; pumps, pumping plants, per se F04)</li> <li>Installations for neutralising explosions in sewers</li> <li>Installations for stirring-up sewage</li> <li>Other installations or implements for operating sewer systems, e.g. for preventing or indicating stoppage; Emptying cesspools</li> </ul>
3/042	<ul> <li>Manhole shafts or other inspection chambers (in general E02D 29/12); Snow-filling openings;         Accessories (covers or frames for manholes or the like E02D 29/14)     </li> <li>Gullies with or without odour seals or sediment traps</li> </ul>	5/26 <b>7/00</b> 7/02	<ul> <li>E03F 7/10; pumps, pumping plants, per se F04)</li> <li>Installations for neutralising explosions in sewers</li> <li>Installations for stirring-up sewage</li> <li>Other installations or implements for operating sewer systems, e.g. for preventing or indicating stoppage; Emptying cesspools</li> <li>Shut-off devices (in general F16K)</li> </ul>
	<ul> <li>Manhole shafts or other inspection chambers (in general E02D 29/12); Snow-filling openings; Accessories (covers or frames for manholes or the like E02D 29/14)</li> <li>Gullies with or without odour seals or sediment traps</li> <li>Arrangements of means against overflow of water,</li> </ul>	5/26 <b>7/00</b> 7/02 7/04	<ul> <li>E03F 7/10; pumps, pumping plants, per se F04)</li> <li>Installations for neutralising explosions in sewers</li> <li>Installations for stirring-up sewage</li> <li>Other installations or implements for operating sewer systems, e.g. for preventing or indicating stoppage; Emptying cesspools</li> <li>Shut-off devices (in general F16K)</li> <li>Valves for preventing return flow</li> </ul>
5/046	<ul> <li>Manhole shafts or other inspection chambers (in general E02D 29/12); Snow-filling openings;         Accessories (covers or frames for manholes or the like E02D 29/14)     </li> <li>Gullies with or without odour seals or sediment traps</li> </ul>	5/26 <b>7/00</b> 7/02 7/04 7/06	<ul> <li>E03F 7/10; pumps, pumping plants, per se F04)</li> <li>Installations for neutralising explosions in sewers</li> <li>Installations for stirring-up sewage</li> <li>Other installations or implements for operating sewer systems, e.g. for preventing or indicating stoppage; Emptying cesspools</li> <li>Shut-off devices (in general F16K)</li> <li>Valves for preventing return flow</li> <li>Devices for restraining rats or other animals</li> </ul>
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5/06	<ul> <li>Manhole shafts or other inspection chambers (in general E02D 29/12); Snow-filling openings; Accessories (covers or frames for manholes or the like E02D 29/14)</li> <li>Gullies with or without odour seals or sediment traps</li> <li>Arrangements of means against overflow of water, backing-up from the drain</li> <li>adapted to be used with kerbs (E03F 5/06 takes precedence)</li> <li>Gully gratings</li> </ul>	5/26 <b>7/00</b> 7/02 7/04 7/06	<ul> <li>E03F 7/10; pumps, pumping plants, per se F04)</li> <li>Installations for neutralising explosions in sewers</li> <li>Installations for stirring-up sewage</li> <li>Other installations or implements for operating sewer systems, e.g. for preventing or indicating stoppage; Emptying cesspools</li> <li>Shut-off devices (in general F16K)</li> <li>Valves for preventing return flow</li> <li>Devices for restraining rats or other animals</li> </ul>
5/06 5/08	<ul> <li>Manhole shafts or other inspection chambers (in general E02D 29/12); Snow-filling openings; Accessories (covers or frames for manholes or the like E02D 29/14)</li> <li>Gullies with or without odour seals or sediment traps</li> <li>Arrangements of means against overflow of water, backing-up from the drain</li> <li>adapted to be used with kerbs (E03F 5/06 takes precedence)</li> <li>Gully gratings</li> <li>Ventilation of sewers</li> </ul>	5/26 7/00 7/02 7/04 7/06 7/08 7/10	<ul> <li>E03F 7/10; pumps, pumping plants, per se F04)</li> <li>Installations for neutralising explosions in sewers</li> <li>Installations for stirring-up sewage</li> <li>Other installations or implements for operating sewer systems, e.g. for preventing or indicating stoppage; Emptying cesspools</li> <li>Shut-off devices (in general F16K)</li> <li>Valves for preventing return flow</li> <li>Devices for restraining rats or other animals</li> <li>Hand implements for emptying sewers or cesspools</li> <li>Wheeled apparatus for emptying sewers or cesspools</li> </ul>
5/06	<ul> <li>Manhole shafts or other inspection chambers (in general E02D 29/12); Snow-filling openings;         Accessories (covers or frames for manholes or the like E02D 29/14)</li> <li>Gullies with or without odour seals or sediment traps</li> <li>Arrangements of means against overflow of water, backing-up from the drain</li> <li>adapted to be used with kerbs (E03F 5/06 takes precedence)</li> <li>Gully gratings</li> <li>Ventilation of sewers</li> <li>Collecting-tanks; Equalising-tanks for regulating the</li> </ul>	5/26 <b>7/00</b> 7/02 7/04 7/06 7/08 7/10 7/12	<ul> <li>E03F 7/10; pumps, pumping plants, per se F04)</li> <li>Installations for neutralising explosions in sewers</li> <li>Installations for stirring-up sewage</li> <li>Other installations or implements for operating sewer systems, e.g. for preventing or indicating stoppage; Emptying cesspools</li> <li>Shut-off devices (in general F16K)</li> <li>Valves for preventing return flow</li> <li>Devices for restraining rats or other animals</li> <li>Hand implements for emptying sewers or cesspools</li> <li>Wheeled apparatus for emptying sewers or cesspools</li> <li>Installations enabling inspection personnel to drive along sewer canals</li> </ul>
5/06 5/08	<ul> <li>Manhole shafts or other inspection chambers (in general E02D 29/12); Snow-filling openings; Accessories (covers or frames for manholes or the like E02D 29/14)</li> <li>Gullies with or without odour seals or sediment traps</li> <li>Arrangements of means against overflow of water, backing-up from the drain</li> <li>adapted to be used with kerbs (E03F 5/06 takes precedence)</li> <li>Gully gratings</li> <li>Ventilation of sewers</li> </ul>	5/26 7/00 7/02 7/04 7/06 7/08 7/10	<ul> <li>E03F 7/10; pumps, pumping plants, per se F04)</li> <li>Installations for neutralising explosions in sewers</li> <li>Installations for stirring-up sewage</li> <li>Other installations or implements for operating sewer systems, e.g. for preventing or indicating stoppage; Emptying cesspools</li> <li>Shut-off devices (in general F16K)</li> <li>Valves for preventing return flow</li> <li>Devices for restraining rats or other animals</li> <li>Hand implements for emptying sewers or cesspools</li> <li>Wheeled apparatus for emptying sewers or cesspools</li> <li>Installations enabling inspection personnel to drive</li> </ul>
5/06 5/08 5/10	<ul> <li>Manhole shafts or other inspection chambers (in general E02D 29/12); Snow-filling openings; Accessories (covers or frames for manholes or the like E02D 29/14)</li> <li>Gullies with or without odour seals or sediment traps</li> <li>Arrangements of means against overflow of water, backing-up from the drain</li> <li>adapted to be used with kerbs (E03F 5/06 takes precedence)</li> <li>Gully gratings</li> <li>Ventilation of sewers</li> <li>Collecting-tanks; Equalising-tanks for regulating the run-off; Laying-up basins</li> <li>Emergency outlets</li> <li>Devices for separating liquid or solid substances from</li> </ul>	5/26 <b>7/00</b> 7/02 7/04 7/06 7/08 7/10 7/12	<ul> <li>E03F 7/10; pumps, pumping plants, per se F04)</li> <li>Installations for neutralising explosions in sewers</li> <li>Installations for stirring-up sewage</li> <li>Other installations or implements for operating sewer systems, e.g. for preventing or indicating stoppage; Emptying cesspools</li> <li>Shut-off devices (in general F16K)</li> <li>Valves for preventing return flow</li> <li>Devices for restraining rats or other animals</li> <li>Hand implements for emptying sewers or cesspools</li> <li>Wheeled apparatus for emptying sewers or cesspools</li> <li>Installations enabling inspection personnel to drive along sewer canals</li> </ul> Arrangements or fixed installations for cleaning sewer pipes, e.g. by flushing (sediment traps, rakes, screens, or the like, arranged in sewer lines E03F 5/14;
5/06 5/08 5/10 5/12	<ul> <li>Manhole shafts or other inspection chambers (in general E02D 29/12); Snow-filling openings; Accessories (covers or frames for manholes or the like E02D 29/14)</li> <li>Gullies with or without odour seals or sediment traps</li> <li>Arrangements of means against overflow of water, backing-up from the drain</li> <li>adapted to be used with kerbs (E03F 5/06 takes precedence)</li> <li>Gully gratings</li> <li>Ventilation of sewers</li> <li>Collecting-tanks; Equalising-tanks for regulating the run-off; Laying-up basins</li> <li>Emergency outlets</li> <li>Devices for separating liquid or solid substances from sewage, e.g. sand or sludge traps, rakes or grates (for</li> </ul>	5/26 <b>7/00</b> 7/02 7/04 7/06 7/08 7/10 7/12	<ul> <li>E03F 7/10; pumps, pumping plants, per se F04)</li> <li>Installations for neutralising explosions in sewers</li> <li>Installations for stirring-up sewage</li> <li>Other installations or implements for operating sewer systems, e.g. for preventing or indicating stoppage; Emptying cesspools</li> <li>Shut-off devices (in general F16K)</li> <li>Valves for preventing return flow</li> <li>Devices for restraining rats or other animals</li> <li>Hand implements for emptying sewers or cesspools</li> <li>Wheeled apparatus for emptying sewers or cesspools</li> <li>Installations enabling inspection personnel to drive along sewer canals</li> </ul> Arrangements or fixed installations for cleaning sewer pipes, e.g. by flushing (sediment traps, rakes, screens, or the like, arranged in sewer lines E03F 5/14; cleaning pipes in general, devices for cleaning pipes
5/06 5/08 5/10 5/12	<ul> <li>Manhole shafts or other inspection chambers (in general E02D 29/12); Snow-filling openings; Accessories (covers or frames for manholes or the like E02D 29/14)</li> <li>Gullies with or without odour seals or sediment traps</li> <li>Arrangements of means against overflow of water, backing-up from the drain</li> <li>adapted to be used with kerbs (E03F 5/06 takes precedence)</li> <li>Gully gratings</li> <li>Ventilation of sewers</li> <li>Collecting-tanks; Equalising-tanks for regulating the run-off; Laying-up basins</li> <li>Emergency outlets</li> <li>Devices for separating liquid or solid substances from</li> </ul>	5/26 <b>7/00</b> 7/02 7/04 7/06 7/08 7/10 7/12	<ul> <li>E03F 7/10; pumps, pumping plants, per se F04)</li> <li>Installations for neutralising explosions in sewers</li> <li>Installations for stirring-up sewage</li> <li>Other installations or implements for operating sewer systems, e.g. for preventing or indicating stoppage; Emptying cesspools</li> <li>Shut-off devices (in general F16K)</li> <li>Valves for preventing return flow</li> <li>Devices for restraining rats or other animals</li> <li>Hand implements for emptying sewers or cesspools</li> <li>Wheeled apparatus for emptying sewers or cesspools</li> <li>Installations enabling inspection personnel to drive along sewer canals</li> </ul> Arrangements or fixed installations for cleaning sewer pipes, e.g. by flushing (sediment traps, rakes, screens, or the like, arranged in sewer lines E03F 5/14;

**Cesspools** (emptying cesspools E03F 7/00; features relating to treatment of sewage C02F)