

SECTION E — FIXED CONSTRUCTIONS

E03 WATER SUPPLY; SEWERAGE

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

Subclass index

LAYOUT.....	1/00, 5/00
METHODS.....	1/00, 3/00, 9/00
INSTALLATIONS.....	3/00, 5/00, 9/00
PIPE SYSTEMS; TANKS.....	7/00, 11/00

1/00	Methods or layout of installations for water supply (E03B 3/00, E03B 9/00 take precedence) [4]	3/40	• Other devices for confining, e.g. trenches, drainage
1/02	• for public or like main supply	5/00	Use of pumping plants or installations; Layouts thereof (pumps, pumping plants or installations <u>per se</u> , F04)
1/04	• for domestic or like local supply	5/02	• arranged in buildings
3/00	Methods or installations for obtaining or collecting drinking water or tap water (treatment of water C02F) [4]	5/04	• arranged in wells
3/02	• from rain-water	5/06	• • Special equipment
3/03	• • Special vessels for collecting or storing rain-water for use in the household, e.g. water-butts	7/00	Water main or service pipe systems (pipes or tubes in general F16L)
3/04	• from surface water	7/02	• Public or like main pipe systems
3/06	• from underground	7/04	• Domestic or like local pipe systems (domestic plumbing E03C 1/02)
3/08	• • Obtaining and confining water by means of wells (applicable to a combination of water and other liquids or to other liquids only E21B 43/00)	7/07	• Arrangement of devices, e.g. filters, flow controls, measuring devices, siphons, valves, in the pipe systems (devices <u>per se</u> , <u>see</u> the relevant classes for these devices)
3/10	• • • by means of pit wells	7/08	• • Arrangement of draining devices (draining devices in general F16K, F16L)
3/11	• • • • in combination with tubes, e.g. perforated, extending horizontally, or upwardly inclined, exterior to the pits	7/09	• Component parts or accessories (tools for cleaning pipes B08B 9/02; devices for preventing 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)
3/12	• • • by means of vertical pipe wells	7/10	• • Devices preventing bursting of pipes by freezing (devices preventing bursting of pipes in general F16L 55/00)
3/14	• • • by means of horizontal or oblique wells	7/12	• • • by preventing freezing
3/15	• • • Keeping wells in good condition, e.g. by cleaning, repairing, regenerating; Maintaining or enlarging the capacity of wells or water-bearing layers (with artificial enrichment E03B 3/32)	7/14	• • Devices for thawing frozen pipes
3/16	• • • Component parts of wells	9/00	Methods or installations for drawing-off water (domestic water-drawing devices E03C; taps or valves <u>per se</u> F16K) [4]
3/18	• • • • Well filters (filters in general B01D 24/00-B01D 35/00)	9/02	• Hydrants; Arrangement of valves therein; Keys for hydrants
3/20	• • • • • of elements of special shape	9/04	• • Column hydrants
3/22	• • • • • Selection of specified materials	9/06	• • • Covers
3/24	• • • • • formed of loose materials, e.g. gravel	9/08	• • Underground hydrants
3/26	• • • • • with packed filtering material	9/10	• • • Protective plates or covers
3/28	• from humid air (condensing of vapours in general B01D 5/00; dehumidification of air for air-conditioning F24F 3/14)	9/12	• • • Stand-pipes
3/30	• from snow or ice [4]	9/14	• • Draining devices for hydrants
3/32	• with artificial enrichment, e.g. by adding water from a pond or a river	9/16	• • Devices for retaining foreign matter, e.g. sand
3/34	• • of underground water		
3/36	• • of surface water		
3/38	• Curbs for springs		

E03B

- 9/18 • • Cleaning tools for hydrants
- 9/20 • • Pillar fountains or like apparatus for dispensing drinking water
- 11/00 Arrangements or adaptations of tanks for water supply** (water-butts E03B 3/03; storage aspects B65D, B65G, F17B, F17C; foundations E02D 27/38; construction or assembling of bulk storage containers employing civil engineering techniques E04H 7/00; tower aspects E04H 12/00)
 - 11/02 • for domestic or like local water supply
 - 11/04 • • without air regulator
 - 11/06 • • with air regulator
 - 11/08 • • • Air regulators
 - 11/10 • for public or like main water supply
 - 11/12 • • of high-level tanks
 - 11/14 • • of underground tanks
 - 11/16 • • Adaptations of devices for putting pumping plants in and out of operation, e.g. automatic control devices