

## 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

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

9/18	• • Cleaning tools for hydrants	11/02	• for domestic or like local water supply
9/20	• • Pillar fountains or like apparatus for dispensing drinking water	11/04	• • without air regulator
		11/06	• • with air regulator
11/00	<b>Arrangements or adaptations of tanks for water supply</b> (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)	11/08	• • • 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