

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)

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

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| <p>1/00 Methods or layout of installations for water supply (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>3/00 Methods or installations for obtaining or collecting drinking water or tap water (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>5/00 Use of pumping plants or installations; Layouts thereof (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>7/00 Water main or service pipe systems (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>9/00 Methods or installations for drawing-off water (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> <p>9/18 . . Cleaning tools for hydrants</p> <p>9/20 . . Pillar fountains or like apparatus for dispensing drinking water</p> <p>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)</p> <p>11/02 . for domestic or like local water supply</p> <p>11/04 . . without air regulator</p> <p>11/06 . . with air regulator</p> <p>11/08 . . . Air regulators</p> <p>11/10 . for public or like main water supply</p> <p>11/12 . . of high-level tanks</p> <p>11/14 . . of underground tanks</p> |
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11/16 . . Adaptations of devices for putting pumping plants in and out of operation, e.g. automatic control devices