

## 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)**

### Definition statement

*This subclass/group covers:*

Methods and devices for collecting drinking water and conveying the water from a source to a tapping point.

### References relevant to classification in this subclass

*This subclass/group does not cover:*

Treatment of water for enhancing quality	<a href="#">C02F</a>
Drilling wells, obtaining fluids in general from wells	<a href="#">E21B</a>
Pipe-line systems in general	<a href="#">F17D</a>

## E03B 1/00

**Methods or layout of installations for water supply (E03B3/00, E03B9/00 take precedence)**

### Definition statement

*This subclass/group covers:*

Public and local water supply systems; greywater collecting and supply systems.

### References relevant to classification in this group

*This subclass/group does not cover:*

Prospecting or determining ground water flow	<a href="#">G01V 9/02</a>
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Examples of places where the subject matter of this group is covered when specially adapted, used for a particular purpose, or incorporated in a larger

system:

Constructive adaptations of WC flushing cisterns for greywater use	<a href="#">E03D 5/003</a>
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### Special rules of classification within this group

Documents disclosing greywater systems are classified in all relevant subgroups of [E03B 1/04](#) and [E03B 1/04](#).

## E03B 3/00

### Methods or installations for obtaining or collecting drinking water or tap water (treatment of water C02F)

#### Definition statement

*This subclass/group covers:*

Methods and installations for collecting and confining water from different sources.

#### References relevant to classification in this group

*This subclass/group does not cover:*

Condensation of vapours in general	<a href="#">B01D 5/00</a>
Constructional details of containers	<a href="#">B65D 88/00</a>
Mobile devices for obtaining water and/or treating it	<a href="#">C02F 9/00</a>
Barrages	<a href="#">E02B 7/00</a>
Dewatering soil for consolidation	<a href="#">E02D 3/00</a>
Rainwater deviating devices integrated in down-pipe	<a href="#">E04D 13/08</a>
Drilling of wells not specially adapted for obtaining water	<a href="#">E21B 43/00</a>
Dehumidification for air conditioning	<a href="#">F24F 3/00</a>
Condensers for collecting and removing condensate	<a href="#">F28B 9/08</a>

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## Special rules of classification within this group

Permanently installed large devices for obtaining water from humid air are classified in [E03B 3/28](#), whereas devices for obtaining water from humid air which are mobile and/or combined with water treatment are classified in [C02F 9/00H](#).

Intake structures in lakes are classified in [E03B 3/04](#).

Rainwater collecting tanks are classified in [E03B 3/03](#). Accessories for the collection of rainwater, e.g. filters, inlet devices into the tank, are classified in [E03B 3/02](#).

## E03B 5/00

### Use of pumping plants or installations; Layouts thereof (pumps; pumping plants or installations per se F04)

#### Definition statement

*This subclass/group covers:*

Layout of permanent or temporary pumping installations specially adapted to provide drinking water.

#### Relationship between large subject matter areas

Construction and control of pumps is classified in F04.

#### References relevant to classification in this group

*This subclass/group does not cover:*

Construction, conception and control of pumps in general	F04
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## E03B 7/00

### Water main or service pipe systems (pipes or tubes in general F16L)

#### Definition statement

*This subclass/group covers:*

Arrangement of devices within pipe systems for conveying drinking water;

layout of drinking water supply systems.

## References relevant to classification in this group

*This subclass/group does not cover:*

Treatment of water	<a href="#">C02F</a>
Constructional details of component parts per se	<a href="#">F16L</a> , <a href="#">F16K</a> , <a href="#">G01F</a>
Constructional details of pipes	<a href="#">F16L</a>
Constructional details of valves	<a href="#">F16K</a>
Constructional details of hydrant valves	<a href="#">F16K</a>
Hot water supply systems	<a href="#">F24H</a>
Constructional details of flow meters	<a href="#">G01F</a>
Investigating fluid tightness of structures	<a href="#">G01M 3/00</a>

## Special rules of classification within this group

Documents describing the arrangement of devices within the mains and the house water supply system are classified in all relevant groups of [E03B 7/07](#).

### **E03B 7/09**

**Component parts or accessories (tools for cleaning pipes B08B9/02; devices for preventing contamination of drinking water pipes for domestic use E03C1/10; devices for preventing damage in case of bursts of pipes F16L; heating of pipes in general F16L53/00 )**

### **Definition statement**

*This subclass/group covers:*

Methods for cleaning water supply systems; Devices for protecting pipes against frost damages.

## References relevant to classification in this group

*This subclass/group does not cover:*

Cleaning of metal surfaces	<a href="#">C23G</a>
Cleaning of metal surfaces	<a href="#">C23F</a>

## Special rules of classification within this group

Documents describing the heating of pipes against freezing are classified in [E03B 7/14](#).

## E03B 9/00

**Methods or installations for drawing-off water (domestic water-drawing devices E03C; taps or valves per se F16K)**

### Definition statement

*This subclass/group covers:*

Fire hydrants; Outdoor taps; Other public drinking water tapping points.

## References relevant to classification in this group

*This subclass/group does not cover:*

Decorative fountains	<a href="#">B05B 17/08</a>
Street caps or covers for manholes	<a href="#">E02D 29/00</a>
Boundary boxes	<a href="#">E03B 7/095</a>
Domestic water-drawing devices	<a href="#">E03C</a>
Taps or valves per se	<a href="#">F16K</a>
Hydrant housings	<a href="#">F16K 27/00</a>
Preventing unauthorized access to valves	<a href="#">F16K 35/00</a>

## Special rules of classification within this group

Documents describing the protection of pipes against freezing are classified in [E03B 7/10](#) resp. [E03B 7/14](#).

Keys for underground hydrants are classified in [E03B 9/08](#), keys for column hydrants are classified in [E03B 9/04](#).

Draining devices for manually operated pumps are classified in [E03B 9/14](#).

Devices against frost damage in hydrants are classified in [E03B 9/14](#).

Devices for providing fresh water in public places (camping sites, market place) are classified in [E03B 9/20](#).

## **E03B 11/00**

**Arrangements or adaptations of tanks for water supply (water-butts E03B3/03; storage aspects B65D, B65G, F17B, F17C; foundations E02D27/38; construction or assembling of bulk storage containers employing civil engineering techniques E04H7/00; tower aspects E04H12/00 )**

### **Definition statement**

*This subclass/group covers:*

Water storage tanks specially adapted for drinking water which are connected to the municipal or domestic water supply network.

### **References relevant to classification in this group**

*This subclass/group does not cover:*

Constructional features of tanks in general	<a href="#">B65D 88/00</a>
Storing bulk materials	<a href="#">B65G 3/00</a>
Storing fluids in natural or artificial cavities devices	<a href="#">B65G 5/00</a>
Collecting and storage tanks for rain water	<a href="#">E03B 3/03</a>
Constructional tower aspects	<a href="#">E04H 12/00</a>
Assembling of bulk storage containers employing civil engineering techniques	<a href="#">E04H 7/00</a>

