

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 place covers:

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

References

Limiting references

This place does not cover:

Treatment of water for enhancing quality	C02F
Drilling wells, obtaining fluids in general from wells	E21B
Pipe-line systems in general	F17D

E03B 1/00

Methods or layout of installations for water supply ([E03B 3/00](#), [E03B 9/00](#) take precedence)

Definition statement

This place covers:

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

References

Limiting references

This place does not cover:

Prospecting or determining ground water flow	G01V 9/02
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Application-oriented references

Examples of places where the subject matter of this place 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	E03D 5/003
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Special rules of classification

Documents disclosing greywater systems are classified in all relevant subgroups of [E03B 1/04](#) and [E03B 2001/047](#).

E03B 3/00

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

Definition statement

This place covers:

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

References

Limiting references

This place does not cover:

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

Special rules of classification

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 9/20](#).

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 place covers:

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

Relationships with other classification places

Construction and control of pumps is classified in [F04](#).

References

Limiting references

This place 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 place covers:

Arrangement of devices within pipe systems for conveying drinking water; layout of drinking water supply systems.

References

Limiting references

This place does not cover:

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

Special rules of classification

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 [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 or cooling of pipes or pipe systems [F16L 53/00](#))

Definition statement

This place covers:

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

References

Limiting references

This place does not cover:

Cleaning of metal surfaces	C23F
Cleaning of metal surfaces	C23G

Special rules of classification

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 place covers:

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

References

Limiting references

This place does not cover:

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

Special rules of classification

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 [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](#))

Definition statement

This place covers:

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

References

Limiting references

This place does not cover:

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