

## F25C

### PRODUCING, WORKING OR HANDLING ICE

#### References

##### *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:

Frozen sweets, including ice-cream, their production	<a href="#">A23G 9/00</a>
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##### *Informative references*

Attention is drawn to the following places, which may be of interest for search:

Concentrating solutions by removing frozen solvents	<a href="#">B01D 9/04</a>
Purification of water by freezing	<a href="#">C02F 1/22</a>
Refrigeration machines, plants, or systems	<a href="#">F25B</a>
Refrigerators; cold rooms; ice-boxes; cooling or freezing apparatus	<a href="#">F25D</a>
Solidification of gases or gaseous mixtures	<a href="#">F25J</a>
Freeze-drying	<a href="#">F26B</a>

#### Special rules of classification

Control means for production, working, storing or distribution of ice are classified in [F25C 2600/00](#).

Sensors for production, working, storing or distribution of ice are classified in [F25C 2700/00](#).

#### Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

Ice	Any frozen liquid and also covers frozen semi-liquids or pasty substances
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## F25C 1/00

### Producing ice ([F25C 3/00](#) takes precedence)

#### Definition statement

*This place covers:*

Freezers for pelletizing/granulating liquids.

Production of ice slurries.

#### References

##### *Limiting references*

*This place does not cover:*

Methods or apparatus specially adapted for producing ice or snow for winter sports or similar recreational purposes, e.g. for sporting installations; Producing artificial snow	<a href="#">F25C 3/00</a>
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**Informative references**

Attention is drawn to the following places, which may be of interest for search:

Production of ice slurries	<a href="#">F25C 2301/002</a>
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**F25C 1/06**

open or openable at both ends

**Definition statement**

*This place covers:*

Production of bar-ice.

**F25C 1/10**

by using rotating or otherwise moving moulds ([F25C 1/08](#) takes precedence)

**Definition statement**

*This place covers:*

Rotating or otherwise moving moulds during freezing of water.

**References****Limiting references**

*This place does not cover:*

Producing ice by immersing freezing chambers or plates into water	<a href="#">F25C 1/08</a>
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**Special rules of classification**

Rotating during harvesting of ice is classified in [F25C 5/02](#) or lower and [F25C 2305/022](#).

**F25C 1/22**

Construction of moulds; Filling devices for moulds

**References****Informative references**

Attention is drawn to the following places, which may be of interest for search:

Metering volume in general	<a href="#">G01F</a>
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**F25C 1/24**

for refrigerators, e.g. freezing trays

**References****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:

Ice bins combined with freezing trays	<a href="#">F25C 5/185</a>
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**F25C 3/00**

Processes or apparatus specially adapted for producing ice or snow for winter sports or similar recreational purposes, e.g. for sporting installations;  
Producing artificial snow

**References****Informative references**

Attention is drawn to the following places, which may be of interest for search:

Spraying apparatus for discharge of liquids or other fluent materials from two or more sources	<a href="#">B05B 7/00</a>
Simulating ice or snow	<a href="#">C09K 3/24</a>
Foundations or pavings for artificial surfaces for outdoor or indoor practice of snow or ice sports	<a href="#">E01C 13/10</a>
Working on surfaces of snow or ice in order to make them suitable for traffic or sporting purposes	<a href="#">E01H 4/00</a>

**F25C 3/02**

for ice rinks

**References****Informative references**

Attention is drawn to the following places, which may be of interest for search:

Shape of rinks	<a href="#">A63C 19/10</a>
Construction of rinks	<a href="#">E01C</a>

**F25C 3/04****for sledging or ski trails; Producing artificial snow****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Special arrangements or features of snow making	<a href="#">F25C 2303/00</a>
Shape of rinks	<a href="#">A63C 19/10</a>
Spraying apparatus for discharge of liquids or other fluent materials from two or more sources	<a href="#">B05B 7/00</a>
Simulating ice or snow	<a href="#">C09K 3/24</a>
Construction of rinks	<a href="#">E01C 13/10</a>

**Special rules of classification**Different methods/devices for snow making are classified in [F25C 2303/00](#) and lower.**F25C 5/00****Working or handling ice ([F25C 3/00](#) takes precedence)****References****Limiting references***This place does not cover:*

Methods or apparatus specially adapted for the production of ice or snow for winter sports or similar recreational purposes, e.g. for sporting installations; Production of artificial snow	<a href="#">F25C 3/00</a>
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**F25C 5/02****Apparatus for disintegrating, removing or harvesting ice****Special rules of classification**Combinations of ice-crusher and ice-shaving machine in one embodiment are classified in [F25C 5/02](#) and in [F25C 5/046](#) and [F25C 5/12](#).**F25C 5/043****{Tools, e.g. ice picks, ice crushers, ice shavers}****Glossary of terms***In this place, the following terms or expressions are used with the meaning indicated:*

Tools	hand tools
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**F25C 5/046****{Ice-crusher machines}****Definition statement***This place covers:*

Also grinding.

**F25C 5/12****Ice-shaving machines****Definition statement***This place covers:*

Flake ice and chip ice.

**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Production of ice by using augers	<a href="#">F25C 1/147</a>
Production of slush ice	<a href="#">A23G 9/045</a>

**Synonyms and Keywords***In patent documents, the following words/expressions are often used as synonyms:*

- "Flake ice" and "Chip ice"

**F25C 5/18****Storing ice****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Cooling bags for medical or therapeutic treatment of the human body, e.g. ice-bags	<a href="#">A61F 7/10</a>
Containers, packaging elements or packages specially adapted for ice-cream	<a href="#">B65D 85/78</a>
Devices using ice, e.g. ice-boxes	<a href="#">F25D 3/02</a>

**F25C 5/185****with freezing trays****References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Construction of moulds for refrigerators, e.g. freezing trays	<a href="#">F25C 1/24</a>
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**F25C 5/187****with ice level sensing means****References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Indicating or measuring liquid level, or level of fluent solid material	<a href="#">G01F 23/00</a>
Level control, e.g. controlling quantity of material stored in vessel	<a href="#">G05D 9/00</a>

**F25C 5/22****{particularly adapted for household refrigerators}****Special rules of classification**When emphasis is put on water dispenser classify in [F25D 23/126](#) and [F25C 2400/10](#).**F25C 5/24****{for storing bins (ice bins [F25C 5/182](#))}****References*****Limiting references****This place does not cover:*

ice bins	<a href="#">F25C 5/182</a>
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