

F25C

PRODUCTION, WORKING, STORING OR DISTRIBUTION OF ICE (frozen sweets, including ice-cream, their production A23G9/00; concentrating solutions by removing frozen solvents B01D9/04; purification of water by freezing C02F1/22 ; refrigeration machines, plants or systems F25B; solidification of gases or gaseous mixtures F25J; freeze drying F26B)

Definition statement

This subclass/group covers:

The term "ice" means any frozen liquid and is to be understood as also covering frozen semi-liquids or pasty substances.

References relevant to classification in this subclass

This subclass/group does not cover:

Frozen sweets, including ice-cream, their production	A23G 9/00
Concentrating solutions by removing frozen solvents	B01D 9/04
Purification of water by freezing	C02F 1/22
Refrigeration machines, plants or systems	F25B
Solidification of gases or gaseous mixtures	F25J
Freeze drying	F26B

Special rules of classification within this subclass/group

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](#).

F25C 1/00

Production of ice (F25C3/00 takes precedence)

Definition statement

This subclass/group covers:

This subclass/group covers:

Freezers for pelletizing/granulating liquids.

Production of ice slurries.

References relevant to classification in this group

This subclass/group does not cover:

Production of ice or snow	F25C 3/00
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Informative references

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

Production of ice slurries	F25C 2301/002
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F25C 1/06

open or openable at both ends

Definition statement

This subclass/group covers:

Production of bar-ice.

F25C 1/10

by using rotating or otherwise moving moulds (F25C1/08 takes precedence)

Definition statement

This subclass/group covers:

Rotating or otherwise moving moulds during freezing of water.

References relevant to classification in this group

This subclass/group does not cover:

By immersing freezing chambers or plates into water	F25C 1/08
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Special rules of classification within this group

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 therefor (metering by volume in general G01F)

Informative references

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

Metering volume in general	G01F
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F25C 3/00

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 (foundations or pavings for artificial surfaces for outdoor or indoor practice of snow or ice sports E01C13/10; working on surfaces of snow or ice in order to make them suitable for traffic or sporting purposes E01H4/00)

References relevant to classification in this group

This subclass/group does not cover:

Shape of rinks or trails	A63C 19/10
Foundations or pavings for artificial surfaces for outdoor or indoor practice of snow or ice sports	E01C 13/10
Working on surfaces of snow or ice in order to make them suitable for traffic or sporting purposes	E01H 4/00

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	B05B 7/00
Simulating ice or snow	C09K 3/24

F25C 3/02

for ice rinks (shape of rinks A63C19/10 ; construction of rinks E01C)

Informative references

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

Shape of rinks or trails	A23C 19/10
Construction of rinks or trails	E01C

F25C 3/04

for sledging or ski trails; Production of artificial snow (shape of trails A63C19/10 ; construction of trails E01C)

References relevant to classification in this group

This subclass/group does not cover:

Shape of trails	A63C 19/10
Spraying apparatus for discharge of liquids or other fluent materials from two or more sources	B05B 7/00
Simulating ice or snow	C09K 3/24
Construction of trails	E01C

Informative references

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

Special arrangements or features of snow making	F25C 2303/00
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Special rules of classification within this subclass/group

Different methods/devices for snow making are classified in [F25C 2303/00](#) and lower.

F25C 5/005

[N:particularly adapted for household refrigerators]

Special rules of classification within this group

When emphasis is put on water dispenser classify in [F25D 23/126](#) and [F25C 2400/10](#).

F25C 5/02

Tools or machines for disintegrating, removing or harvesting ice

Special rules of classification within this group

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

[N:Tools, e.g. ice picks, ice crushers, ice shavers]

Glossary of terms

In this subclass/group, the following terms (or expressions) are used with the meaning indicated:

In this group the following terms (or expressions) are used with the meaning indicated:

Tools	hand tools
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F25C 5/046

[N: Ice-crusher machines]

Definition statement

This subclass/group covers:
Also grinding.

F25C 5/12

Ice-shaving machines

Definition statement

This subclass/group covers:
Flake ice and chip ice.

Informative references

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

Production of slush ice	A23G 9/045
Production of ice by using augers	F25C 1/147

Synonyms and Keywords

In patent documents the following expressions "Flake ice" and "Chip ice" are often used as synonyms.

F25C 5/187

[N:combined with ice level sensing means]

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	G01F 23/00
Level control, e.g. controlling quantity of material stored in vessel	G05D 9/00

