

**ECLA****EUROPEAN CLASSIFICATION****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](#))

**Note**

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

**F25C1/00**

**Production of ice** ([F25C3/00](#) takes precedence)

**F25C1/02**

- . Production of natural ice, i.e. without refrigeration

**F25C1/04**

- . by using stationary moulds

**F25C1/04B**

- . . [\[N: with the open end pointing downwards\]](#)

**F25C1/06**

- . . open or openable at both ends

**F25C1/08**

- . by immersing freezing chambers or plates into water

**F25C1/10**

- . by using rotating or otherwise moving moulds ([F25C1/08](#) takes precedence)

**F25C1/12**

- . by freezing water on cooled surfaces, e.g. to form slabs

**F25C1/12B**

- . . [\[N: on flexible surfaces\]](#)

**F25C1/14**

- . . to form thin sheets which are removed by scraping or wedging

**F25C1/14B**

- . . . [\[N: from the outer wall of a cooled body\]](#)

**F25C1/14C**

- . . . [\[N: from the inner wall of a cooled body\]](#)

**F25C1/14C2**

- . . . . [\[N: by using augers\]](#)

**F25C1/16**

- . by partially evaporating water in a vacuum

**F25C1/18**

- . of a particular transparency or translucency, e.g. by injecting air

**F25C1/20**

- . . by agitation

**F25C1/22**

- . Construction of moulds; Filling devices therefor ([metering by volume in general G01F](#))

**F25C1/22B**

- . . [\[N: Filling devices for moulds\]](#)

**F25C1/24**

- . . for refrigerators, e.g. freezing trays

**F25C1/24B**

- . . . [\[N: of plastic materials\]](#)

**F25C1/24C**

- . . . [\[N: with separate grid structure\]](#)

**F25C3/00**

**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](#)) [\[C0901\]](#)

- F25C3/02 . for ice rinks (shape of rinks [A63C19/10](#); construction of rinks [E01C](#))
- F25C3/04 . for sledging or ski trails; Production of artificial snow (shape of trails [A63C19/10](#); construction of trails [E01C](#))
- F25C5/00** **Working, storing or distribution of ice [C0901]**
  - F25C5/00B . [N: Distributing ice]
  - F25C5/00B2 . . [N: particularly adapted for household refrigerators]
  - F25C5/00B4 . . [N: for storing bins (ice bins in general [F25C5/18B](#))]
  - F25C5/02 . Tools or machines for disintegrating, removing or harvesting ice
  - F25C5/04 . . without the use of saws
  - F25C5/04B . . . [N: Tools, e.g. ice picks, ice crushers, ice shavers]
  - F25C5/04C . . . [N: Ice-crusher machines]
  - F25C5/06 . . . by deforming bodies with which the ice is in contact, e.g. by inflatable members
  - F25C5/08 . . . by heating bodies in contact with the ice
  - F25C5/10 . . . . using hot refrigerant; using fluid heated by refrigerant
  - F25C5/12 . . . Ice-shaving machines
  - F25C5/14 . Tools or machines for shaping or finishing ice pieces, e.g. ice presses
  - F25C5/16 . Tools or devices for ice handling not covered by any other subclass
  - F25C5/18 . Storing ice
  - F25C5/18B . . [N: Ice bins (distributing arrangements therefor [F25C5/00B4](#))]
  - F25C5/18B2 . . . [N: combined with freezing trays]
  - F25C5/18B4 . . . [N: combined with ice level sensing means]