

F25D

REFRIGERATORS; COLD ROOMS; ICE-BOXES; COOLING OR FREEZING APPARATUS NOT OTHERWISE PROVIDED FOR (refrigerated showcases [A47F 3/04](#); thermally-insulated vessels for domestic use [A47J 41/00](#); refrigerated vehicles, see the appropriate subclasses of classes [B60](#) - [B64](#); containers with thermal insulation in general [B65D 81/38](#); heat-transfer, heat-exchange or heat-storage materials, e.g. refrigerants, or materials for the production of heat or cold by chemical reactions other than by combustion [C09K 5/00](#); thermally-insulated vessels for liquefied or solidified gases [F17C](#); air-conditioning or air-humidification [F24F](#); refrigeration machines, plants, or systems [F25B](#); cooling of instruments or comparable apparatus without refrigeration [G12B](#))

Definition statement

This place covers:

Refrigerators; cold rooms; ice-boxes; cooling or freezing apparatus not covered by any other subclass.

Relationships with other classification places

[F24F](#): "air-conditioning" means the supply of air to rooms or spaces by means which provide for the treatment of the air in at least two of the following ways: heating-cooling-any other kind of treatment, e.g. humidification.

Other household appliance fields are [A47L](#) (domestic washing), [D06F](#) (domestic laundry driers), [F24B](#) (domestic stoves).

References

Limiting references

This place does not cover:

| | |
|--|--|
| Refrigerated show cases | A47F 3/04 |
| Thermally-insulated vessels for domestic use | A47J 41/00 |
| Refrigerated vehicles | B60 - B64 |
| Containers with thermal insulation in general | B65D 81/38 |
| Heat-transfer, heat-exchange or heat-storage materials, e.g. refrigerants, or material for the production of heat or cold by chemical reactions other than by combustion | C09K 5/00 |
| Cooling of engines or pumps | F04B , F04C , F04D |
| Thermally-insulated vessels for liquefied or solidified gases | F17C |
| Air-conditioning or air-humidification | F24F |
| Refrigeration machines, plants or systems | F25B |
| Production, working, storing or distribution of ice | F25C |
| Cooling of instruments and comparable apparatus without refrigeration | G12B |

Informative references

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

| | |
|---|------------------------------|
| Non-refrigerated containers specially adapted for transporting or storing living parts whilst preserving, e.g. cool boxes, blood bags or straws for seminal fluid | A01N 1/0263 |
| Cooling of specific food | A23B |
| Cooling of meat | A23B 4/06 |
| Cooling of fruit | A23B 7/04 |
| Cooling of ice cream | A23G 9/00 |
| Cooling of food in general | A23L 3/36 |
| Cooled garments | A41D 13/0053 |
| Casings for protecting, packaging, dispensing articles for surgery | A61B 50/30 |
| Containers specially adapted for medical or pharmaceutical purposes | A61J 1/00 |
| Cooling of protective clothing | A62B 17/006 |
| Heat insulating devices, e.g. jackets for flasks, for laboratory | B01L 7/04 |
| Conveyors | B65G |
| Laptop cooling | G06F 1/20 |
| Coin-freed or like apparatus with heating or cooling means | G07F 9/105 |
| Computer/electronics cooling | H05K 7/00 |

Special rules of classification

Devices not associated with refrigerating machinery: [F25D 1/00-F25D 9/00](#)

Devices associated with refrigerating machinery: [F25D 11/00-F25D 16/00](#)

Details or features of the devices covered by groups [F25D 1/00](#) - [F25D 16/00](#): [F25D 17/00-F25D 31/00](#)

Only classify a household appliance when a refrigerator or freezer is mentioned or when a refrigerator or freezer is shown in the drawings. Always circulate to the following household appliance fields:

[A47L](#) (domestic washing), [D06F](#) (domestic laundry driers), [F24B](#) (domestic stoves).

Glossary of terms

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

| | |
|--------|--|
| Device | means an enclosed space to be cooled; such devices being associated either with refrigerating machinery, e.g. in a refrigerator, or with other cold sources, e.g. in an ice-box. |
|--------|--|

F25D 3/005

{combined with heat exchangers}

Special rules of classification

Classify in [F25D 3/005](#) when only details of the heat exchanger are claimed.

When heat exchangers are combined with a cooling cycle: [F25D 16/00](#).

When combined with or situated in refrigerators: [F25D 11/006](#).

F25D 3/02

using ice, e.g. ice-boxes

Special rules of classification

Not only use of ice, but also PCM's, i.e. Phase Change Materials, blue ice.

F25D 3/06

Movable containers

Special rules of classification

Classify also in [F25D 2303/08](#).

F25D 3/08

portable, i.e. adapted to be carried personally

References

Informative references

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

| | |
|--|------------------------------|
| Special arrangement or features of devices using cold storage material | F25D 2303/08 |
| Type of cooled receptacles | F25D 2331/80 |
| Lunch or picnic boxes | A45C 11/20 |
| Drinking glasses | A47G 19/2205 |
| Thermally insulated vessels with heat or cold storing elements or material for kitchen equipment | A47J 41/0044 |
| Cooling bags for medical or therapeutic treatment of human body | A61F 7/10 |
| Containers with thermal insulation in general | B65D 81/38 |
| Materials undergoing a change of state from liquid to solid | C09K 5/06 |
| Using latent heat | F28D 20/02 |

Special rules of classification

In case no details are claimed about cooling material, but only details about cooling box itself, no classification in [F25D 3/08](#).

Special arrangements or features of devices using cold storage material are additionally classified in [F25D 2303/08](#) and lower.

Features of the cooled receptacles are classified in [F25D 2331/80](#) and lower.

F25D 3/10

using liquefied gases, e.g. liquid air {(for cooling semiconductor devices [H01L 23/445](#))}

References**Informative references**

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

| | |
|-----------------------------------|-----------------------------|
| For cooling semiconductor devices | H01L 23/445 |
|-----------------------------------|-----------------------------|

Special rules of classification

Only cooled rooms, otherwise classify in [F25B 19/005](#)

Classify in [F25D 3/12](#) when CO₂ snow (dry ice) is claimed or mentioned.

F25D 3/11

with conveyors carrying articles to be cooled through the cooling space

Special rules of classification

| | |
|--|----------------------------|
| Conveyors in general | B65G |
| Stationary devices with conveyors carrying articles to be cooled through the cooling space | F25D 13/06 |
| By conveyors | F25D 25/04 |
| Using solidified gases with conveyors carrying articles to be cooled through the cooling space | F25D 3/127 |

F25D 3/12

using solidified gases, e.g. carbon-dioxide snow

References**Informative references**

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

| | |
|----------------------------|----------------------------|
| Solidifying carbon dioxide | C01B 32/55 |
|----------------------------|----------------------------|

Special rules of classification

Classify in [F25D 3/10](#) when liquid N₂ is claimed or mentioned.

F25D 3/127

{Stationary devices with conveyors carrying articles to be cooled through the cooling space}

References**Informative references**

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

| | |
|---|----------------------------|
| Using liquefied gases with conveyors carrying articles to be cooled through the cooling space | F25D 3/11 |
| Stationary devices with conveyors carrying articles to be cooled through the cooling space | F25D 13/06 |
| By conveyors | F25D 25/04 |
| Conveyors in general | B65G |

F25D 5/00

Devices using endothermic chemical reactions, e.g. using frigorific mixtures

Definition statement

This place covers:

Cooling by endothermic chemical reaction between substances triggered by for example rupturing/piercing a membrane.

F25D 7/00

Devices using evaporation effects without recovery of the vapour (butter or cheese dishes with cooling devices [A47G 19/26](#))

Definition statement

This place covers:

The cooling effect is derived from the evaporation of water, for which a supply of heat is required.

References**Limiting references**

This place does not cover:

| | |
|--|---|
| Vacuum coolers | F25D 31/00 |
| Butter or cheese dishes with cooling devices | A47G 19/26 |
| Evaporative coolers | F24F 5/0035 , F28D 5/00 |

Special rules of classification

Classification of devices using evaporation effects without recovery of the vapour at ambient pressure.

F25D 11/00**Self-contained movable devices, e.g. domestic refrigerators****References****Limiting references***This place does not cover:*

| | |
|--|----------------------------|
| By forced circulation | F25D 17/06 |
| Purses, travelling bags or baskets, suitcases | A45C |
| Hand carts | B62B |
| Containers for storage or transport of articles or materials | B65D |

F25D 11/006**{with cold storage accumulators}****Special rules of classification**

In case cold accumulators are arranged inside a refrigerator.

Cold storage accumulators in devices not associated with refrigerating machinery and emphasize on heat exchanger itself, classify in [F25D 3/005](#).When heat exchangers are combined with a cooling system, classify in [F25D 16/00](#).**F25D 11/022****{with two or more evaporators}****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|--|---------------------------|
| Compression machines, plant, or systems, with several evaporator circuits, e.g. for varying refrigerating capacity | F25B 5/00 |
|--|---------------------------|

F25D 11/025**{using primary and secondary refrigeration systems}****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|--|-----------------------------|
| Machines, plant, or systems, using primary and secondary systems | F25B 25/005 |
|--|-----------------------------|

F25D 11/027

{of the sorption cycle type}

Special rules of classification

Documents with one cooling compartment and sorption cycle classify in [F25D 11/027](#) and [F25D 11/00](#).

F25D 13/06

with conveyors carrying articles to be cooled through the cooling space

References

Informative references

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

| | |
|--|----------------------------|
| Using liquefied gases with conveyors carrying articles to be cooled through the cooling space | F25D 3/11 |
| Using solidified gases with conveyors carrying articles to be cooled through the cooling space | F25D 3/127 |
| By conveyors | F25D 25/04 |
| Conveyors in general | B65G |

F25D 15/00

Devices not covered by group [F25D 11/00](#) or [F25D 13/00](#), e.g. non-self-contained movable devices

Definition statement

This place covers:

Products cooled by a cooling system at a remote place;

Devices for freezing of pipes for forming a frozen ice plug in a section of a pipe to be repaired.

Movable devices implies also refrigerators.

Special rules of classification

Classify also in [F25D 17/02](#) in case of cooling by circulating a coolant.

Classify also in [F25D 17/06](#) in case of cooling by cold air.

F25D 16/00

Devices using a combination of a cooling mode associated with refrigerating machinery with a cooling mode not associated with refrigerating machinery

Special rules of classification

When heat exchangers are combined with a cooling system, classify in [F25D 16/00](#).

In case cold accumulators are arranged inside a refrigerator, classify in [F25D 11/006](#).

Cold storage accumulators in devices not associated with refrigerating machinery and emphasize on heat exchanger itself, classify in [F25D 3/005](#).

F25D 17/005**{in cold rooms}****Special rules of classification**

Classification in [F25B 25/005](#) when primary refrigeration cycle is important.

F25D 17/04**for circulating air, e.g. by convection****Definition statement**

This place covers:

Circulation of air by natural convection.

References**Limiting references**

This place does not cover:

| | |
|--|----------------------------|
| Forced circulation of air is classified in | F25D 17/06 |
|--|----------------------------|

F25D 17/042

{Air treating means within refrigerated spaces (air conditioning in general [F24F](#))}

References**Informative references**

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

| | |
|--|------------------------------|
| Treating air flowing to refrigeration compartments | F25D 2317/04 |
| Preservation or chemical ripening of fruit or vegetables | A23B 7/00 |
| Preservation of food in general | A23L 3/00 |
| Disinfection, sterilization or deodorization of air | A61L 9/00 |
| Filtering material for liquid or gaseous fluids | B01D 39/00 |
| Ion generating apparatus | H01T 23/00 |

Special rules of classification

Treating air flowing to refrigeration compartments by purification (dehumidification, humidification, deodorizing, ozone generator and uv-lamp) is additionally classified in [F25D 2317/041](#) and lower.

Treating air flowing to refrigeration compartments by creating a vacuum in a storage compartment to store products under vacuum is additionally classified in [F25D 2317/043](#). Vacuum cooling is classified in [F25D 31/00](#).

F25D 17/045**{Air flow control arrangements}****Definition statement***This place covers:*

Air dampers; Air valves.

F25D 17/06**by forced circulation****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|---|-----------------------------|
| Air flow control arrangements | F25D 17/045 |
| Special arrangements or features of forced air circulation within refrigerated spaces | F25D 17/06 |
| Ventilator details | F04 |

Special rules of classificationCirculation of air by natural convection is classified in [F25D 17/04](#).Control of air circulation is also classified in [F25D 17/06](#).Special arrangements or features of forced air circulation within refrigerated spaces are additionally classified in [F25D 17/06](#) and lower.Additionally classify in [F25D 21/002](#) in case of defrost control.**F25D 17/08****using ducts****Definition statement***This place covers:*

Ducts for cooling by radiation, i.e. indirect cooling.

F25D 19/00**Arrangement or mounting of refrigeration units with respect to devices {or objects to be refrigerated, e.g. infrared detectors}****Definition statement***This place covers:*

Mounting of complete refrigeration units.

References**Limiting references***This place does not cover:*

| | |
|---|-----------------------------|
| Mounting of components of refrigerating machinery | F25D 23/006 |
|---|-----------------------------|

F25D 21/002**{Defroster control}****References****Limiting references***This place does not cover:*Classification in [F25B 47/02](#) when frost is removed by heat of the refrigeration cycle.**F25D 21/06****Removing frost (defrosting cycles [F25B 47/02](#))****References****Limiting references***This place does not cover:*Classification in [F25B 47/02](#) when frost is removed by heat of the refrigeration cycle.**Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|----------------------|-------------------------------|
| Alternate defrosting | F25B 2347/021 |
|----------------------|-------------------------------|

F25D 21/14**Collecting or removing condensed and defrost water; Drip trays****References****Limiting references***This place does not cover:*

| | |
|--|-----------------------------|
| Passenger or goods spaces characterized by condensed liquid drainage means | B60H 1/3233 |
| Removing condensate in air-conditioning | F24F 13/22 |
| Collecting and removing condensate for heat-exchangers | F28B 9/08 |

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

| | |
|--|-----------------------------|
| Special arrangements or features of collecting condense or defrost water | F25D 21/14 |
| Cooling refrigerating machinery | F25D 23/003 |

Special rules of classification

Special arrangements or features of collecting condense or defrost water are additionally classified in [F25D 21/14](#) and lower.

F25D 23/003

{for cooling refrigerating machinery}

Definition statement

This place covers:

Cooling of compressor and condenser of refrigerated enclosures.

References

Informative references

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

| | |
|--|-------------------------------|
| Special arrangements or details for cooling refrigerating machinery | F25D 2323/002 |
| Cooling of compressor or motor | F25B 31/006 |
| Condensers with refrigerant heat exchange tubes positioned inside or around a vessel containing water or pcm to cool the refrigerant gas | F25B 2339/046 |
| Water-cooled condensers | F25B 2339/047 |

F25D 23/006

{for mounting refrigerating machinery components}

Definition statement

This place covers:

Mounting of components of refrigerating machinery.

References

Limiting references

This place does not cover:

| | |
|---|----------------------------|
| Mounting of complete refrigeration units: | F25D 19/00 |
|---|----------------------------|

Special rules of classification

Special arrangements or features for cooling refrigerating machinery are additionally classified in [F25D 2323/002](#) and lower.

F25D 23/02

Doors; Covers ([F25D 23/08](#) takes precedence {locks or fastenings [E05B 65/0042](#)})

References

Limiting references

This place does not cover:

| | |
|---|-----------------------------|
| Details not related to door itself, e.g. hinges, handles, actuators, dispensers are classified in | F25D 23/028 |
| Parts formed wholly or mainly of plastics materials | F25D 23/08 |
| Transparent doors | A47F 3/0434 |

Informative references

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

| | |
|--|--|
| Special arrangements or details of doors or covers not otherwise covered | F25D 23/028 , F25D 23/04 |
| Night covers display case | A47F 3/0469 |
| Locks or fastenings | E05B 65/0042 |
| Doors | E06B |

Special rules of classification

[F25D 23/08](#) takes precedence.

French doors are additionally classified in [F25D 2323/021](#);

Doors that can be pivoted either left-handed or right-handed are additionally classified in [F25D 2323/022](#).

Door in door constructions are additionally classified in [F25D 2323/023](#).

F25D 23/028

{Details}

References

Limiting references

This place does not cover:

Details of refrigerator doors are classified in [F25D 23/02](#).

Informative references

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

| | |
|---------------------|--|
| Handles | A47B 95/02 , F24C 15/024 , E05F 11/54 |
| Locks or fastenings | E05B 65/0042 , E05C |
| Hinges | E05D , F25D 2323/024 |

Special rules of classification

All details not related to refrigerator door itself, e.g. hinges, handles, actuators, dispensers are classified in [F25D 23/028](#).

Door hinges are additionally classified in [F25D 2323/024](#).

F25D 23/06

Walls ([F25D 23/08](#) takes precedence; containers with thermal insulation [B65D 81/38](#))

References

Informative references

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

| | |
|--|--------------------------------|
| Insulation | F25D 2201/00 |
| Collapsible walls | F25D 2323/061 |
| Inflatable walls | F25D 2323/062 |
| Details of cabinets, racks or shelf units | A47B 96/00 |
| Shaping or joining of plastics; Shaping of substances in a plastic state, in general; after-treatment of shaped products, e.g. repairing | B29C |
| Foaming | B29C 44/00 |
| Extrusion molding | B29C 48/00 |
| Production of refrigerators | B29L 2031/7622 |
| Insulation, layered products | B32B |
| Containers with thermal insulation | B65D 81/38 |
| Insulation, vacuum panel | E04B 1/803 |
| Supports for pipes, cables or protective tubing | F16L 3/00 |
| Supports for pipes or cables inside other pipes or sleeves | F16L 7/00 |
| Thermal insulation in general | F16L 59/00 |

Special rules of classification

[F25D 23/08](#) takes precedence.

Insulation (with respect to heat or sound) is additionally classified in [F25D 2201/00](#).

Collapsible walls are additionally classified in [F25D 2323/061](#).

Inflatable walls are additionally classified in [F25D 2323/062](#).

F25D 23/087**{Sealing strips}****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|------------------|-----------------------------|
| Magnetic gaskets | E05C 19/161 |
|------------------|-----------------------------|

F25D 23/126**{Water cooler}****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|---|-------------------------------|
| Refrigerator doors; covers | F25D 23/02 |
| Special arrangements or details of the water filter for the water/ice dispenser | F25D 2323/121 |
| Special arrangements or details of the water tank for the water/ice dispenser | F25D 2323/122 |
| Filtering devices | B01D 35/00 |
| Dispensing beverages | B67D |
| Ice dispenser | F25C 5/22 |

Special rules of classification

Additionally classify in:

[F25D 23/02](#) when details of the door are claimed.[F25C 5/22](#) when details of an ice dispenser are claimed.[F25D 2323/121](#) when special arrangements or details of the water filter are claimed.[F25D 2323/122](#) when special arrangements or details of the water tank are claimed.**F25D 25/00****Charging, supporting, and discharging the articles to be cooled****Special rules of classification**

Additionally classify in:

[F25D 2331/80](#): Type of cooled receptacles.

F25D 25/02

by shelves

References

Informative references

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

| | |
|--|-------------------------------|
| Special arrangements or features of shelves with several possible configurations | F25D 2325/021 |
| Special arrangements or features of shelves made of glass or ceramic | F25D 2325/022 |
| Special arrangements or features of shelves made of wires | F25D 2325/023 |
| Type of cooled receptacles | F25D 2331/80 |
| Drawers, shelves | A47B |
| Show stands, hangers or shelves | A47F 7/00 |

Special rules of classification

Additionally classify in:

[F25D 2325/021](#): Special arrangements or features of shelves with several possible configurations

[F25D 2325/022](#): Special arrangements or features of shelves made of glass or ceramic

[F25D 2325/023](#): Special arrangements or features of shelves made of wires

[F25D 2331/80](#): Type of cooled receptacles.

F25D 25/022

{Baskets}

Definition statement

This place covers:

Wire baskets.

F25D 25/025

{Drawers}

References

Informative references

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

| | |
|----------------------------|------------------------------|
| Type of cooled receptacles | F25D 2331/80 |
| Drawers | A47B |

Special rules of classification

Additionally classify drawers opened by sliding doors in [F25D 23/021](#).

F25D 25/04**by conveyors (in general [B65G](#))****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|--|----------------------------|
| Using liquefied gases with conveyors carrying articles to be cooled through the cooling space | F25D 3/11 |
| Using solidified gases with conveyors carrying articles to be cooled through the cooling space | F25D 3/127 |
| Stationary devices with conveyors carrying articles to be cooled through the cooling space | F25D 13/06 |
| Conveyors in general | B65G |

Special rules of classificationShelves or drawers which can be adjusted in height are classified in [A47B 57/06](#).**F25D 27/00****Lighting arrangements (in general [F21](#))****Definition statement***This place covers:*

Lighting arrangements for lighting cooling enclosures, both inside and outside the enclosure.

Relationships with other classification placesLighting in general: [F21](#).**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|---|-------------------------------|
| Special arrangements or features for lighting arrangements on the external side of the refrigerator, freezer or cooling box | F25D 2327/001 |
| Lighting devices | F21V 33/00 |
| Circuit arrangements for electric light sources | H05B 47/00 |

F25D 29/00**Arrangement or mounting of control or safety devices****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|-------------------------------------|------------------------------|
| Control issues F25D | F25D 2600/00 |
|-------------------------------------|------------------------------|

| | |
|---|------------------------------|
| Means for sensing or measuring F25D ; Sensors therefor F25D | F25D 2700/00 |
| Arrangement or mounting of control or safety devices | F25B 49/00 |
| Telecontrol of temperature | G05D 23/1905 |
| Inventory | G06Q 10/087 |

Special rules of classification

[F25D 17/06](#) takes precedence;

[F25D 21/00](#) takes precedence;

[F25B 49/02](#) takes precedence, classify in [F25D 29/00](#) to distinguish a refrigerator over a refrigeration cycle.

[F25B 5/00](#) takes precedence, classify in [F25D 29/00](#) or [F25D 11/022](#) to distinguish a refrigerator over a refrigeration cycle.

Additional classification of control issues in [F25D 2600/00](#).

Additional classification of means for sensing or measuring and sensors therefor in [F25D 2700/00](#).

F25D 29/005

{Mounting of control devices}

Definition statement

This place covers:

Mounting of control devices; Mounting of sensors to refrigeration devices

Special rules of classification

Mounting of sensors to refrigeration devices are classified in [F25D 29/005/CCA](#).

F25D 31/00

Other cooling or freezing apparatus

Definition statement

This place covers:

Cooling by creating a vacuum.

References

Limiting references

This place does not cover:

| | |
|---|-------------------------------|
| Storing of products in a refrigerated enclosure under vacuum: | F25D 2317/043 |
|---|-------------------------------|

F25D 31/002**{Liquid coolers, e.g. beverage cooler (receptacle coolers [F25D 31/006](#))}****References****Limiting references***This place does not cover:*

| | |
|--------------------|-----------------------------|
| Repectacle coolers | F25D 31/006 |
|--------------------|-----------------------------|

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

| | |
|---------------------------------------|-------------------------------|
| Cooling of liquids with pour-throughs | F25D 2331/811 |
|---------------------------------------|-------------------------------|

F25D 31/006**{specially adapted for cooling receptacles, e.g. tanks}****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|----------------------------|------------------------------|
| Type of cooled receptacles | F25D 2331/80 |
|----------------------------|------------------------------|

F25D 31/007**{Bottles or cans}****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

| | |
|----------------------------|------------------------------|
| Type of cooled receptacles | F25D 2331/80 |
|----------------------------|------------------------------|

F25D 31/008**{Drinking glasses}****Definition statement***This place covers:*

Pre-chilling of glasses.

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

| | |
|-------------------------------------|-------------------------------|
| Type of cooled receptacles; Glasses | F25D 2331/808 |
|-------------------------------------|-------------------------------|