

CPC COOPERATIVE PATENT CLASSIFICATION

A HUMAN NECESSITIES

FOODSTUFFS; TOBACCO

A23 FOODS OR FOODSTUFFS; THEIR TREATMENT, NOT COVERED BY OTHER CLASSES

(NOTE omitted)

A23G COCOA; COCOA PRODUCTS, e.g. CHOCOLATE; SUBSTITUTES FOR COCOA OR COCOA PRODUCTS; CONFECTIONERY; CHEWING GUM; ICE-CREAM; PREPARATION THEREOF

NOTES

1. In this subclass, the following term is used with the meaning indicated:
 - "ice-cream" includes any edible frozen or congealed semi-liquid or pasty substance, e.g. slush ice
2. In this subclass, subject matter which cannot be completely classified in a single one of the main groups should be classified in each relevant main group
3. The classification symbols of groups:

[A23G 1/305](#), [A23G 1/56](#), [A23G 3/343](#), [A23G 3/346](#), [A23G 4/062](#), [A23G 9/322](#) and [A23G 9/52](#)

can be followed by additional symbols preceded by the sign "+", e.g. [A23G 1/56](#) +**D8**. The symbols give further information concerning structure, composition or form and have the meaning as listed below:

D	.. Containing organic compounds
D2	.. containing microorganisms, enzymes
D4	.. containing vitamins, antibiotics
D6	.. containing beet sugar or cane sugar if specifically mentioned; containing other carbohydrates, e.g. starches, gums, alcohol sugar, polysaccharides, dextrins
D8	.. containing cocoa fat if specifically mentioned; containing products of cocoa fat; containing other fats, e.g. fatty acid, fatty alcohol, their esters, lecithin, paraffins
D10	.. containing amino-acids, proteins, e.g. gelatine, polypeptides
D12	.. containing dairy products
D14	.. containing fruits, nuts, e.g. almonds, seeds, plants or their extracts (gums D6)
F	.. Containing inorganic compounds
H	.. Products with special structure
H2	.. foamed, gas-expanded or cellular products
H4	.. products with a supported structure
H4D	... products with an inedible support, e.g. a stick
H4F	... products with an edible support, e.g. a cornet
H6	.. products with a composite structure, e.g. laminated products
H8	.. hollow products, e.g. with inedible or edible filling, fixed or movable within the cavity

WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

1/00	Cocoa; Cocoa products, e.g. chocolate; Substitutes therefor (kitchen equipment for cocoa preparation A47J , e.g. apparatus for making beverages A47J 31/00)		1/0009	. . . { Manufacture or treatment of liquid, cream, paste, granule, shred or powder }
			1/0013	. . . . { Weighing, portioning processes }
			1/0016	. . . . { Transformation of liquid, paste, cream, lump, powder, granule or shred into powder, granule or shred; Manufacture or treatment of powder }
			1/002	. . { Processes for preparing or treating cocoa beans or nibs }
1/0003	. { Processes of manufacture not relating to composition or compounding ingredients }		1/0023	. . { Cocoa butter extraction by pressing }
1/0006	. . { Processes specially adapted for manufacture or treatment of cocoa or cocoa products (A23G 1/002 - A23G 1/005 take precedence) }		1/0026	. . { Mixing; Roller milling for preparing chocolate }
			1/003	. . . { with introduction or production of gas, or under vacuum; Whipping; Manufacture of cellular mass }

NOTE

Attention is drawn to the internal note after the subclass title

1/0033	. . . {Chocolate refining, i.e. roll or mill refining}	1/10	. . Mixing apparatus; Roller mills for preparing chocolate
1/0036	. . . {Conching}	1/105	. . . {with introduction or production of gas, or under vacuum; Whipping; Manufacture of cellular mass}
1/004	. . . . {Longitudinal conching, i.e. backward and forward motion}	1/12	. . . Chocolate-refining mills, i.e. roll refiners
1/0043	. . . . {Circular conching, i.e. circular motion}	1/125	. . . . {Conches}
1/0046	. . {Processes for conditioning chocolate masses for moulding}	1/14	. . Longitudinal conches {, i.e. rollers being in a backward and forward motion}
1/005	. . {Moulding, shaping, cutting, or dispensing chocolate (A23G 1/0076 - A23G 1/0096 take precedence)}	1/16	. . Circular conches {, i.e. rollers being displaced on a closed or circular rolling circuit}
1/0053	. . . {Processes of shaping not covered elsewhere}	1/18	. . Apparatus for conditioning chocolate masses for moulding
1/0056	. . . . {Processes in which the material is shaped at least partially by a die; Extrusion of cross-sections or plates, optionally with the associated cutting}	1/20	. . Apparatus for moulding, cutting, or dispensing chocolate
1/0059	. . . . . {Cutting, modelling of a section of plate; Embossing; Punching}	1/201	. . . {Apparatus not covered by groups A23G 1/21 - A23G 1/28 (not used)}
1/0063	. . . . {Processes in which the material is shaped at least partially in a mould, in the hollows of a surface, a drum, an endless band or by drop-by-drop casting or dispensing of the material on a surface, e.g. injection moulding, transfer moulding}	1/202	. . . . {Apparatus in which the material is shaped at least partially by a die; Extrusion of cross-sections or plates, optionally with the associated cutting device}
1/0066	. . . . . {Processes for laying down material in moulds or drop-by-drop on a surface, optionally with the associated heating, cooling, portioning, cutting cast-tail, anti-drip processes}	1/203	. . . . . {Devices for cutting, modelling of a section or plate; Embossing; Punching, e.g. stamping-tool}
1/0069	. . . . . {Compression moulding of paste, optionally in form of ball or rope or other preforms, or of powder or granules}	1/205	. . . . . {Apparatus in which the material is shaped at least partially in a mould, in the hollows of a surface, a drum, an endless band or by drop-by-drop casting or dispensing of the material on a surface, e.g. injection moulding, transfer moulding}
1/0073	. . . . {Moulding or shaping of cellular or expanded articles}	1/206	. . . . . {Apparatus for laying down material in moulds or drop-by-drop on a surface, optionally with the associated heating, cooling, portioning, cutting cast-tail, anti-drip device}
1/0076	. . {Processes for moulding hollow products, open shells or other articles having cavities, e.g. open cavities}	1/207	. . . . . {Compression moulding of paste, optionally in form of ball or rope or other preforms, or of powder or granules}
1/0079	. . {Chocolate moulds processing (A23G 1/0076 takes precedence)}	1/208	. . . . {Moulding or shaping of cellular or expanded articles}
1/0083	. . . {characterised by the material of the moulds}	1/21	. . . Apparatus for moulding hollow products, open shells or other articles having cavities, e.g. open cavities
1/0086	. . . . {Moulding in plastic or elastomeric material, or plastic or elastomer coated material}	1/22	. . . Chocolate moulds (A23G 1/21 takes precedence)
1/0089	. . {Tapping or jolting tables treatment}	1/223	. . . . {Mould materials}
1/0093	. . {Moulds conveying, e.g. associated manipulations}	1/226	. . . . . {Moulds of plastic or elastomeric material, or plastic or elastomer coated moulds}
1/0096	. . {Removing chocolate from the mould (discharging baked goods from tins A21B 3/18)}	1/24	. . . Tapping or jolting tables
1/02	. Preliminary treatment, e.g. fermentation of cocoa (machines for roasting cocoa A23N 12/00)	1/26	. . . Conveying devices for chocolate moulds
1/04	. Apparatus specially adapted for manufacture or treatment of cocoa or cocoa products (machines for roasting cocoa A23N 12/00 ; crushing or grinding apparatus in general B02C)	1/28	. . . Apparatus for removing chocolate from the moulds (discharging baked goods from tins A21B 3/18)
1/042	. . {Manufacture or treatment of liquid, cream, paste, granule, shred or powder}	1/30	. Cocoa products, e.g. chocolate; Substitutes therefor
1/045	. . . {Weighing, portioning apparatus}	1/305	. . {Products for covering, coating, finishing, decorating}
1/047	. . . {Transformation of liquid, paste, cream, lump, powder, granule or shred into powder, granule or shred; Manufacture or treatment of powder}	NOTE	
1/06	. . Apparatus for preparing or treating cocoa beans or nibs	Attention is drawn to the internal note after the subclass title	
1/08	. . Cocoa butter presses (presses for squeezing out liquid from liquid-containing material in general B30B)	1/32	. . characterised by the composition {containing organic or inorganic compounds}
		1/325	. . . {containing inorganic compounds}
		1/34	. . . Cocoa substitutes

1/36	. . . characterised by the fats used (containing dairy products A23G 1/46)	3/0014	. . . . {Processes for conditioning, e.g. tempering, cooking, heating, cooling, boiling down, evaporating, degassing, liquefying mass before use or shaping}
1/38	. . . . Cocoa butter substitutes	3/0017	. . . . {Transformation of a liquid, paste, cream, lump, powder, granule or shred into powder, granule or shred; Manufacture or treatment of powder}
1/40	. . . characterised by the carbohydrates used, e.g. polysaccharides (containing dairy products A23G 1/46)	3/0019	. . . . {Shaping of liquid, paste, powder; Manufacture of moulded articles, e.g. modelling, moulding, calendering}
1/42	. . . containing microorganisms or enzymes; containing paramedical or dietetical agents, e.g. vitamins (containing dairy products A23G 1/46)	3/0021	. . . . {Processes in which the material is shaped at least partially by a die; Extrusion of cross-sections or plates, optionally the associated cutting}
1/423	. . . . {containing microorganisms, enzymes}	3/0023	. . . . . {Processes for cutting, modelling of sections or plates; Embossing, punching}
1/426	. . . . {containing vitamins, antibiotics}	3/0025	. . . . . {Processes in which the material is shaped at least partially in a mould in the hollows of a surface, a drum, an endless band, or by a drop-by-drop casting or dispensing of the material on a surface, e.g. injection moulding, transfer moulding}
1/44	. . . containing peptides or proteins (containing dairy products A23G 1/46)	3/0027	. . . . . {Processes for laying down material in moulds or drum or a surface, optionally with the associated heating, cooling, portioning, cutting cast-tail, anti-drip process}
1/46	. . . containing dairy products	3/0029	. . . . . {Moulding processes for hollow products, e.g. opened shell}
1/48	. . . containing plants or parts thereof, e.g. fruits, seeds, extracts (containing gums A23G 1/40 {, vegetal cocoa substitutes A23G 1/34 or A23G 1/38 })	3/0031	. . . . . {Moulds processing (A23G 3/0029 takes precedence)}
1/50	. . characterised by shape, structure or physical form, e.g. products with an inedible support (liquid products, solid products in the form of powders, flakes or granules for making liquid products A23G 1/56)	3/0034	. . . . . {Moulding in plastic or elastomeric material, or plastic or elastomer coated material}
1/502	. . . {Products with edible or inedible supports}	3/0036	. . . . . {Mould conveying, e.g. with the associated manipulation}
1/505	. . . . {Products with an inedible support, e.g. a stick}	3/0038	. . . . . {Removing articles from the mould; associated manipulation}
1/507	. . . . {Products with edible support, e.g. a cornet}	3/004	. . . . . {Compression moulding of paste, e.g. in the form of a ball or rope or other preforms, or of a powder or granules}
1/52	. . . Aerated, foamed, cellular or porous products {, e.g. gas expanded}	3/0042	. . . . . {Moulding or shaping of cellular or expanded articles}
1/54	. . . Composite products, e.g. layered {laminated}, coated, filled	3/0044	. . . {Sugar-cookers processing}
1/545	. . . . {Hollow products, e.g. with inedible or edible filling, fixed or movable within the cavity}	3/0046	. . . {Batch-rolling, rope-forming, or sizing}
1/56	. . making liquid products, e.g. for making chocolate milk {drinks and the products for their preparation, pastes for spreading, milk crumb, (A23G 1/305 takes precedence)}	3/0048	. . . {Candy batch cooling, cooling tables processing}
	NOTE Attention is drawn to the internal note after the subclass title	3/0051	. . . {Candy-pulling processes; processes for making cotton candy or candy floss}
3/00	Sweetmeats; Confectionery; Marzipan; Coated or filled products (chewing gum A23G 4/00)	3/0053	. . . {Processes for moulding candy in the plastic state}
	NOTE Attention is drawn to the internal note after the subclass title	3/0055	. . . {with introduction of sticks}
3/0002	. {Processes of manufacture not relating to composition and compounding ingredients}	3/0057	. . . {Fondant beating or creaming}
3/0004	. . {Processes specially adapted for manufacture or treatment of sweetmeats or confectionery (A23G 3/0044 - A23G 3/0063 take precedence)}	3/0059	. . . {Casting fondant in bulk}
3/0006	. . . {Manufacture or treatment of liquids, pastes, creams, granules, shred or powder}	3/0061	. . . {Moulding fondants}
3/0008	. . . . {Weighing, portioning processes}	3/0063	. . . {Coating or filling sweetmeats or confectionery (coating by casting A23G 3/0091 , by dipping A23G 3/0093 , by tumbling A23G 3/0095)}
3/001	. . . . {Mixing, kneading processes}	3/0065	. . . . {Processes for making filled articles, composite articles, multi-layered articles}
3/0012	. . . . . {with introduction or production of gas or under vacuum; Whipping; Manufacture of cellular mass}	3/0068	. . . . . {the material being shaped at least partially by a die; Extrusion of filled or multi-layered cross-sections or plates, optionally with the associated cutting}

- 3/007 {the material being shaped at least partially in a mould, in the hollows of a surface, a drum, an endless band or by drop-by-drop casting or dispensing of the materials on a surface or an article being completed}
- 3/0072 {Processes for laying down the liquid, pasty or solid materials in moulds or drop-by-drop, on a surface or an article being completed, optionally with the associated heating, cooling, proportioning, cutting cast-tail, antidripping}
- 3/0074 {Processes for closing the hollows after filling or for scraping the edges or the lids}
- 3/0076 {Mould conveying; Associated manipulation}
- 3/0078 {Removing articles from the mould; Associated manipulation}
- 3/008 {Compression moulding of paste, e.g. in the form of a ball or rope or other preforms, or of powder or granules}
- 3/0082 {Moulding or shaping of cellular or expanded articles}
- 3/0085 {Coating with powders or granules, e.g. sprinkling}
- 3/0087 {the solid particles being in a fluidised bed or whirling bed, e.g. convexed fluidised bed}
- 3/0089 {Coating with atomised liquid, droplet bed, liquid spray}
- 3/0091 . . . {Coating by casting of liquids}
- 3/0093 . . . {Coating by dipping in a liquid, at the surface of which another liquid or powder may be floating}
- 3/0095 . . . {Coating by tumbling with a liquid or powder, spraying device-associated, drum, rotating pan}
- 3/0097 . . . {Decorating sweetmeats or confectionery}
- 3/02 Apparatus specially adapted for manufacture or treatment of sweetmeats or confectionery; Accessories therefor
- 3/0205 {Manufacture or treatment of liquids, pastes, creams, granules, shred or powder}
- 3/021 {Weighing, portioning apparatus}
- 3/0215 {Mixing, kneading apparatus}
- 3/0221 {with introduction or production of gas or under vacuum; Whipping; Manufacture of cellular mass}
- 3/0226 {Apparatus for conditioning, e.g. tempering, cooking, heating, cooling, boiling down, evaporating, degassing, liquefying mass before shaping}
- 3/0231 {Transformation of a liquid, paste, cream, lump, powder, granule or shred into powder, granule or shred; Manufacture or treatment of powder}
- 3/0236 {Shaping of liquid, paste, powder; Manufacture of moulded articles, e.g. modelling, moulding, calendering}
- 3/0242 {Apparatus in which the material is shaped at least partially by a die; Extrusion of cross-sections or plates, optionally the associated cutting device}
- 3/0247 {Devices for cutting, modelling of sections or plates; Embossing, punching, e.g. stamping tools}
- 3/0252 {Apparatus in which the material is shaped at least partially in a mould, in the hollows of a surface, a drum, an endless band, or by a drop-by-drop casting or dispensing of the material on a surface, e.g. injection moulding, transfer moulding}
- 3/0257 {Apparatus for laying down material in moulds or drop-by-drop on a surface, optionally with the associated heating, cooling, portioning, cutting cast-tail, anti-drip device}
- 3/0263 {Moulding apparatus for hollow products, e.g. opened shell}
- 3/0268 {Moulds ([A23G 3/0263 takes precedence](#))}
- 3/0273 {Moulds of plastic or elastomeric material, or plastic or elastomer coated moulds}
- 3/0278 {Mould conveyor, e.g. with the associated mould}
- 3/0284 {Removing articles from the mould; Associated manipulation}
- 3/0289 {Compression moulding of paste, e.g. in the form of a ball or rope or other preforms, or of a powder or granules}
- 3/0294 {Moulding or shaping of cellular or expanded articles}
- 3/04 Sugar-cookers
- 3/06 Batch-rolling, rope-forming, or sizing machines
- 3/08 Candy batch cooling tables
- 3/10 Candy-pulling machines {; Processes or apparatus for making cotton candy or candy floss}
- 3/12 Apparatus for moulding candy in the plastic state
- 3/125 {with introduction of sticks}
- 3/14 Fondant beating or creaming machines
- 3/16 Apparatus for casting fondant in bulk
- 3/18 Apparatus for moulding fondants
- 3/20 Apparatus for coating or filling sweetmeats or confectionery
- 3/2007 {Manufacture of filled articles, composite articles, multi-layered articles}
- 3/2015 {the material being shaped at least partially by a die; Extrusion of filled or multi-layered cross-sections or plates, optionally with the associated cutting device}
- 3/2023 {the material being shaped at least partially in a mould, in the hollows of a surface, a drum, an endless band or by drop-by-drop casting or dispensing of the materials on a surface or an article being completed}
- 3/203 {Apparatus for laying down the liquid, pasty or solid materials in moulds or drop-by-drop, on a surface or an article being completed, optionally with the associated heating, cooling, proportioning, cutting cast-tail, antidripping device}
- 3/2038 {Apparatus for closing the hollows after filling; Apparatus for scraping the edges or the lids}
- 3/2046 {Mould conveyor, e.g. with the associated moulds}
- 3/2053 {Removing articles from the mould; Associated manipulation}
- 3/2061 {Compression moulding of paste, e.g. in the form of a ball or rope or other preforms, or of powder or granules}

- 3/2069 {Moulding or shaping of cellular or expanded articles}
- 3/2076 . . . {Apparatus for coating with powders or granules, e.g. sprinkling}
- 3/2084 {the solid particles being in a fluidised bed or whirling bed, e.g. conveyed fluidised bed}
- 3/2092 . . . {Apparatus for coating with atomised liquid, droplet bed, liquid spray}
- 3/22 . . . Apparatus for coating by casting {of liquids}
- 3/24 . . . Apparatus for coating by dipping {in a liquid, at the surface of which another liquid or powder may be floating}
- 3/26 . . . Apparatus for coating by tumbling {with a liquid or powder, spraying device-associated, drum, rotating pan}
- 3/28 . . Apparatus for decorating sweetmeats or confectionery (applying liquids to surfaces in general B05)
- 3/32 . Process for preparing caramel or sugar colours (colouring foodstuffs A23L 5/40; flavouring foodstuffs A23L 27/10)
- NOTE**
- Attention is drawn to the internal note after the subclass title
- 3/34 . Sweetmeats, confectionery or marzipan; Processes for the preparation thereof
- 3/343 . . {Products for covering, coating, finishing, decorating}
- NOTE**
- Attention is drawn to the internal note after the subclass title
- 3/346 . . {Finished or semi-finished products in the form of powders, paste or liquids (A23G 3/343 takes precedence)}
- NOTE**
- Attention is drawn to the internal note after the subclass title
- 3/36 . . characterised by the composition {containing organic or inorganic compounds}
- 3/362 . . . {containing inorganic compounds}
- 3/364 . . . {containing microorganisms or enzymes; containing paramedical or dietetical agents, e.g. vitamins}
- 3/366 {containing microorganisms, enzymes}
- 3/368 {containing vitamins, antibiotics}
- 3/38 . . . Sucrose-free products
- 3/40 . . . characterised by the fats used (containing dairy products A23G 3/46)
- 3/42 . . . characterised by the carbohydrates used, e.g. polysaccharides (containing dairy products A23G 3/46)
- 3/44 . . . containing peptides or proteins (containing dairy products A23G 3/46)
- 3/46 . . . containing dairy products
- 3/48 . . . containing plants or parts thereof, e.g. fruits, seeds, extracts (containing gums A23G 3/42)
- 3/50 . . characterised by shape, structure or physical form, e.g. products with supported structure (composite structures including chocolate, e.g. as layer, coating or filler A23G 1/54)
- 3/52 . . . Aerated, foamed, cellular or porous products
- 3/54 . . . Composite products, e.g. layered, coated, filled
- 3/545 {hollow products, e.g. with inedible or edible filling, fixed or movable within the cavity}
- 3/56 . . . Products with edible or inedible supports, e.g. lollipops
- 3/563 {products with an inedible support, e.g. a stick}
- 3/566 {products with an edible support, e.g. a cornet}
- 4/00 Chewing gum (medicinal preparations characterised by chewing gum form {A61K 9/0058})**
- 4/02 . Apparatus specially adapted for manufacture or treatment of chewing gum
- 4/025 . . {for coating or surface-finishing}
- 4/04 . . for moulding or shaping
- 4/043 . . . {for composite chewing gum (coating A23G 4/025)}
- 4/046 {with a centre made of chewing gum}
- 4/06 . characterised by the composition {containing organic or inorganic compounds}
- 4/062 . . {Products for covering, coating, finishing, decorating}
- NOTE**
- Attention is drawn to the internal note after the subclass title
- 4/064 . . {containing inorganic compounds}
- 4/066 . . {characterised by the fat used}
- 4/068 . . {containing plants or parts thereof, e.g. fruits, seeds, extracts (containing gums A23G 4/10)}
- 4/08 . . of the chewing gum base
- 4/10 . . characterised by the carbohydrates used, e.g. polysaccharides (containing dairy products A23G 4/16)
- 4/12 . . containing microorganisms or enzymes; containing paramedical or dietetical agents, e.g. vitamins (containing dairy products A23G 4/16)
- 4/123 . . . {containing microorganisms, enzymes}
- 4/126 . . . {containing vitamins, antibiotics}
- 4/14 . . containing peptides or proteins (containing dairy products A23G 4/16)
- 4/16 . . containing dairy products
- 4/18 . characterised by shape, structure or physical form, e.g. aerated products
- 4/182 . . {Foamed, gas-expanded or cellular products}
- 4/184 . . {products with a supported structure}
- 4/186 . . . {products with an inedible support, e.g. a stick}
- 4/188 . . . {products with an edible support, e.g. a stick}
- 4/20 . . Composite products, e.g. centre-filled {, multi-layer, laminated}
- 4/205 . . . {Hollow products, e.g. with inedible or edible filling, fixed or movable within the cavity}
- 7/00 Other apparatus {or process} specially adapted for the chocolate or confectionery industry**
- 7/0006 . {Apparatus for cleaning of chocolate or candies}
- 7/0012 . {Apparatus for measuring, weighing or wrapping of chocolate or candies}
- 7/0018 . {Apparatus for cutting or dividing chocolate or candies}

- 7/0025 . {Apparatus for stacking or unstacking, e.g. stacking of chocolate, confectionery, moulds, trays, except stacking of sticks}
- 7/0031 . {Apparatus for manipulating sticks}
- 7/0037 . {Apparatus for orientating and reorienting objects, e.g. chocolate, confectionery, trays, moulds, except sticks}
- 7/0043 . {Other processes specially adapted for the chocolate or confectionery industry [\(A23G 7/0006 - A23G 7/02\)](#)}
- 7/005 . . {General processes}
- 7/0056 . . . {Processes for cleaning of chocolate or candies}
- 7/0062 . . . {Processes for measuring, weighing or wrapping of chocolate or candies}
- 7/0068 . . . {Cutting or dividing chocolate or candies}
- 7/0075 . . . {Processes for stacking or unstacking, e.g. stacking of chocolate, confectionery, moulds, trays, except for sticks}
- 7/0081 . . . {Processes for manipulating sticks}
- 7/0087 . . . {Orienting or reorienting objects, e.g. chocolate, confectionery, trays, moulds, except for sticks}
- 7/0093 . . {Cooling or drying [\(A23G 9/00 takes precedence\)](#)}
- 7/02 . Cooling or drying apparatus
- 9/00 Frozen sweets, e.g. ice confectionery, ice-cream; Mixtures therefor**
- 9/04 . Production of frozen sweets, e.g. ice-cream [\(packages B65D 85/78\)](#)
- 9/045 . . {of slush-ice, e.g. semi-frozen beverage}
- 9/06 . . characterised by using carbon dioxide or carbon dioxide snow {or other cryogenic agents} as cooling medium
- 9/08 . . Batch production ([{A23G 9/06 takes precedence}](#) ; continuous production [A23G 9/14](#))
- 9/083 . . . {using moulds}
- 9/086 . . . {using a rotatable container containing the cooling medium}
- 9/10 . . . using containers which are rotated or otherwise moved in a cooling medium
- 9/103 {the container rotating about its own axis}
- 9/106 {provided with agitating means}
- 9/12 . . . using means for stirring the contents in a non-moving container
- 9/14 . . Continuous production ([{A23G 9/06}](#) , [A23G 9/20 takes precedence](#))
- 9/16 . . . the products being within a cooled chamber, e.g. drum
- 9/163 {with intermittent operation}
- 9/166 {Feeding arrangements}
- 9/18 . . . the products being on the outer wall of a cooled body, e.g. drum or endless band
- 9/20 . . the products being mixed with gas, e.g. soft-ice
- 9/22 . . Details, component parts or accessories of apparatus insofar as not peculiar to a single one of the preceding groups
- 9/221 . . . {Moulds}
- 9/222 . . . {Freezing drums}
- 9/224 . . . {Agitators or scrapers}
- 9/225 . . . {Ice-cream freezing and storing cabinets}
- 9/227 {Details}
- 9/228 . . . {Arrangement and mounting of control or safety devices}
- 9/24 . . . for coating or filling the products
- 9/245 {for coating the products}
- 9/26 . . . for producing frozen sweets on sticks
- 9/265 {for manipulating the sticks}
- 9/28 . . . for portioning or dispensing
- 9/281 {at the discharge end of freezing chambers}
- 9/282 {for dispensing multi-flavour ice-creams}
- 9/283 {for filling containers with material}
- 9/285 {for extruding strips, cutting blocks and manipulating cut blocks}
- 9/286 {for producing ice-cream sandwiches}
- 9/287 {for dispensing bulk ice-cream; [\(ice cream scoops A47J 43/282\)](#)}
- 9/288 {for finishing or filling ice-cream cones or other edible containers; Manipulating methods therefor}
- 9/30 . . . Cleaning; Keeping clean; Sterilisation
- 9/305 {Sterilisation of the edible materials}
- 9/32 . characterised by the composition {containing organic or inorganic compounds}
- 9/322 . . {Products for covering, coating, finishing, decorating}
- NOTE**
- Attention is drawn to the internal note after the subclass title
- 9/325 . . {containing inorganic compounds}
- 9/327 . . {characterised by the fatty product used, e.g. fat, fatty acid, fatty alcohol, their esters, lecithin, glycerides [\(butter, dairy cream or milkfat A23G 9/40\)](#)}
- 9/34 . . characterised by carbohydrates used, e.g. polysaccharides [\(characterised by the dairy products used A23G 9/40\)](#)
- 9/36 . . containing microorganisms or enzymes; containing paramedical or dietetical agents, e.g. vitamins [\(characterised by the dairy products used A23G 9/40\)](#)
- 9/363 . . . {containing microorganisms, enzymes}
- 9/366 . . . {containing vitamins, antibiotics}
- 9/38 . . containing peptides or proteins [\(characterised by the dairy products used A23G 9/40\)](#)
- 9/40 . . characterised by the dairy products used
- 9/42 . . containing plants or parts thereof, e.g. fruits, seeds, extracts [\(containing gums A23G 9/34\)](#)
- 9/44 . characterised by shape, structure or physical form [\(liquid products, solid products in the form of powders, flakes or granules for making liquid products A23G 9/52\)](#)
- 9/46 . . Aerated, foamed, cellular or porous products
- 9/48 . . Composite products, e.g. layered {, laminated}, coated, filled
- 9/485 . . . {hollow products, e.g. with inedible or edible filling, fixed or movable within the cavity}
- 9/50 . . Products with edible or inedible supports, e.g. cornets
- 9/503 . . . {products with an inedible support, e.g. a stick}
- 9/506 . . . {products with an edible support, e.g. a cornet}

- 9/52 . Liquid products; Solid products in the form of powders, flakes or granules for making liquid products {; Finished or semi-finished solid products, frozen granules}

NOTE

Attention is drawn to the internal note after the subclass title

2200/00 containing organic compounds, e.g. synthetic flavouring agents

- 2200/02 . containing microorganisms, enzymes, probiotics
- 2200/04 . containing vitamins, antibiotics, other medicaments
- 2200/06 . containing beet sugar or cane sugar if specifically mentioned or containing other carbohydrates, e.g. starches, gums, alcohol sugar, polysaccharides, dextrin or containing high or low amount of carbohydrate
- 2200/08 . containing cocoa fat if specifically mentioned or containing products of cocoa fat or containing other fats, e.g. fatty acid, fatty alcohol, their esters, lecithin, paraffins

NOTE

For the subgroups [A23G 1/305](#) and [A23G 1/56](#) this symbol is used for the specific fat composition

- 2200/10 . containing amino-acids, proteins, e.g. gelatine, peptides, polypeptides
- 2200/12 . containing dairy products
- 2200/14 . containing fruits, nuts, e.g. almonds, seeds, plants, plant extracts, essential oils ([gums A23G 2200/06](#))

2210/00 containing inorganic compounds or water in high or low amount

2220/00 Products with special structure

- 2220/02 . Foamed, gas-expanded or cellular products
- 2220/10 . with a supported structure
- 2220/12 . . being an inedible support, e.g. a stick
- 2220/14 . . being an edible support, e.g. a cornet
- 2220/20 . with a composite structure, e.g. laminated products, coated products, microstructures, e.g. with encapsulated ingredients
- 2220/22 . Hollow products, e.g. with inedible or edible filling, fixed or movable within the cavity