

# CPC COOPERATIVE PATENT CLASSIFICATION

## 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:

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

<b>1/00</b>	<b>Cocoa; Cocoa products, e.g. chocolate; Substitutes therefor (kitchen equipment for cocoa preparation <a href="#">A47J</a>, e.g. apparatus for making beverages <a href="#">A47J 31/00</a>)</b>	<b>1/0033</b>	. . . {Chocolate refining, i.e. roll or mill refining}
		<b>1/0036</b>	. . . {Conching}
		<b>1/004</b>	. . . . {Longitudinal conching, i.e. backward and forward motion}
		<b>1/0043</b>	. . . . {Circular conching, i.e. circular motion}
		<b>1/0046</b>	. . {Processes for conditioning chocolate masses for moulding}
		<b>1/005</b>	. . {Moulding, shaping, cutting, or dispensing chocolate ( <a href="#">A23G 1/0076</a> - <a href="#">A23G 1/0096</a> take precedence)}
<b>1/0003</b>	. {Processes of manufacture not relating to composition or compounding ingredients}	<b>1/0053</b>	. . . {Processes of shaping not covered elsewhere ( <b>Not used</b> )}
<b>1/0006</b>	. . {Processes specially adapted for manufacture or treatment of cocoa or cocoa products ( <a href="#">A23G 1/002</a> - <a href="#">A23G 1/005</a> take precedence)}	<b>1/0056</b>	. . . . {Processes in which the material is shaped at least partially by a die; Extrusion of cross-sections or plates, optionally with the associated cutting}
<b>1/0009</b>	. . . {Manufacture or treatment of liquid, cream, paste, granule, shred or powder}	<b>1/0059</b>	. . . . . {Cutting, modelling of a section of plate; Embossing; Punching}
<b>1/0013</b>	. . . . {Weighing, portioning processes}	<b>1/0063</b>	. . . . {Processes in which the material is shaped at least partially in a mould, in the hollows of a surface, a drum, an endless band of by drop-by-drop casting or dispensing of the material on a surface, e.g. injection moulding, transfer moulding}
<b>1/0016</b>	. . . . {Transformation of liquid, paste, cream, lump, powder, granule or shred into powder, granule or shred; Manufacture or treatment of powder}		
<b>1/002</b>	. . {Processes for preparing or treating cocoa beans or nibs}		
<b>1/0023</b>	. . {Cocoa butter extraction by pressing}		
<b>1/0026</b>	. . {Mixing; Roller milling for preparing chocolate}		
<b>1/003</b>	. . . {with introduction or production of gas, or under vacuum; Whipping; Manufacture of cellular mass}		

- 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}
- 1/0069 . . . . . {Compression moulding of paste, optionally in form of ball or rope or other preforms, or of powder or granules}
- 1/0073 . . . . . {Moulding or shaping of cellular or expanded articles}
- 1/0076 . . {Processes for moulding hollow products, open shells or other articles having cavities, e.g. open cavities}
- 1/0079 . . {Chocolate moulds processing ([A23G 1/0076 takes precedence](#))}
- 1/0083 . . . {characterised by the material of the moulds ([Not used](#))}
- 1/0086 . . . . . {Moulding in plastic or elastomeric material, or plastic or elastomer coated material}
- 1/0089 . . {Tapping or jolting tables treatment}
- 1/0093 . . {Moulds conveying, e.g. associated manipulations}
- 1/0096 . . {Removing chocolate from the mould ([discharging baked goods from tins \[A21B 3/18\]\(#\)](#))}
- 1/02 . Preliminary treatment, e.g. fermentation of cocoa ([machines for roasting cocoa \[A23N 12/00\]\(#\)](#))
- 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 \[B02C\]\(#\)](#))
- 1/042 . . {Manufacture or treatment of liquid, cream, paste, granule, shred or powder}
- 1/045 . . . {Weighing, portioning apparatus}
- 1/047 . . . {Transformation of liquid, paste, cream, lump, powder, granule or shred into powder, granule or shred; Manufacture or treatment of powder}
- 1/06 . . Apparatus for preparing or treating cocoa beans or nibs
- 1/08 . . Cocoa butter presses ([presses for squeezing out liquid from liquid-containing material in general \[B30B\]\(#\)](#))
- 1/10 . . Mixing apparatus; Roller mills for preparing chocolate
- 1/105 . . . {with introduction or production of gas, or under vacuum; Whipping; Manufacture of cellular mass}
- 1/12 . . . Chocolate-refining mills, i.e. roll refiners
- 1/125 . . . . . {Conches}
- 1/14 . . Longitudinal conches, {i.e. rollers being in a backward and forward motion}
- 1/16 . . Circular conches, {i.e. rollers being displaced on a closed or circular rolling circuit}
- 1/18 . . Apparatus for conditioning chocolate masses for moulding
- 1/20 . . Apparatus for moulding, cutting, or dispensing chocolate
- 1/201 . . . {Apparatus not covered by groups [A23G 1/21](#) - [A23G 1/28](#) ([not used](#))}
- 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}
- 1/203 . . . . . {Devices for cutting, modelling of a section or plate; Embossing; Punching, e.g. stamping-tool}
- 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}
- 1/206 . . . . . {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}
- 1/207 . . . . . {Compression moulding of paste, optionally in form of ball or rope or other preforms, or of powder or granules}
- 1/208 . . . . . {Moulding or shaping of cellular or expanded articles}
- 1/21 . . . Apparatus for moulding hollow products, open shells or other articles having cavities, e.g. open cavities
- 1/22 . . . Chocolate moulds ([A23G 1/21 takes precedence](#))
- 1/223 . . . . . {Mould materials ([not used](#))}
- 1/226 . . . . . {Moulds of plastic or elastomeric material, or plastic or elastomer coated moulds}
- 1/24 . . . Tapping or jolting tables
- 1/26 . . . Conveying devices for chocolate moulds
- 1/28 . . . Apparatus for removing chocolate from the moulds ([discharging baked goods from tins \[A21B 3/18\]\(#\)](#))
- 1/30 . Cocoa products, e.g. chocolate; Substitutes therefor
- 1/305 . . {Products for covering, coating, finishing, decorating}
- NOTE**
- Attention is drawn to the internal note after the subclass title
- 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 \[A23G 1/46\]\(#\)](#))
- 1/38 . . . . . Cocoa butter substitutes
- 1/40 . . . characterised by the carbohydrates used, e.g. polysaccharides ([containing dairy products \[A23G 1/46\]\(#\)](#))
- 1/42 . . . containing micro-organisms or enzymes; containing paramedical or dietetical agents, e.g. vitamins ([containing dairy products \[A23G 1/46\]\(#\)](#))
- 1/423 . . . . . {containing micro-organisms, enzymes}
- 1/426 . . . . . {containing vitamins, antibiotics}
- 1/44 . . . containing peptides or proteins ([containing dairy products \[A23G 1/46\]\(#\)](#))
- 1/46 . . . containing dairy products
- 1/48 . . . containing plants or parts thereof, e.g. fruits, seeds, extracts ([containing gums \[A23G 1/40\]\(#\), {vegetal cocoa substitutes \[A23G 1/34\]\(#\) or \[A23G 1/38\]\(#\)}](#))

- 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](#))
- 1/502 . . . {Products with edible or inedible supports}
- 1/505 . . . . {Products with an inedible support, e.g. a stick}
- 1/507 . . . . {Products with edible support, e.g. a cornet}
- 1/52 . . . Aerated, foamed, cellular or porous products, {e.g. gas expanded}
- 1/54 . . . Composite products, e.g. layered {laminated}, coated, filled
- 1/545 . . . . {Hollow products, e.g. with inedible or edible filling, fixed or movable within the cavity}
- 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)}
- NOTE**
- Attention is drawn to the internal note after the subclass title
- 3/00 Sweetmeats; Confectionery; Marzipan; Coated or filled products (chewing gum [A23G 4/00](#))**
- NOTE**
- Attention is drawn to the internal note after the subclass title
- 3/0002 . {Processes of manufacture not relating to composition and compounding ingredients}
- 3/0004 . . {Processes specially adapted for manufacture or treatment of sweetmeats or confectionery ([A23G 3/0044](#) - [A23G 3/0063](#) take precedence)}
- 3/0006 . . . {Manufacture or treatment of liquids, pastes, creams, granules, shred or powder}
- 3/0008 . . . . {Weighing, portioning processes}
- 3/001 . . . . {Mixing, kneading processes}
- 3/0012 . . . . . {with introduction or production of gas or under vacuum; Whipping; Manufacture of cellular mass}
- 3/0014 . . . . {Processes for conditioning, e.g. tempering, cooking, heating, cooling, boiling down, evaporating, degassing, liquefying mass before use or shaping}
- 3/0017 . . . . {Transformation of a liquid, paste, cream, lump, powder, granule or shred into powder, granule or shred; Manufacture or treatment of powder}
- 3/0019 . . . {Shaping of liquid, paste, powder; Manufacture of moulded articles, e.g. modelling, moulding, calendering}
- 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}
- 3/0023 . . . . . {Processes for cutting, modelling of sections or plates; Embossing, punching}
- 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}
- 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}
- 3/0029 . . . . . {Moulding processes for hollow products, e.g. opened shell}
- 3/0031 . . . . . {Moulds processing ([A23G 3/0029](#) takes precedence)}
- 3/0034 . . . . . {Moulding in plastic or elastomeric material, or plastic or elastomer coated material}
- 3/0036 . . . . . {Mould conveying, e.g. with the associated manipulation}
- 3/0038 . . . . . {Removing articles from the mould; associated manipulation}
- 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}
- 3/0042 . . . . {Moulding or shaping of cellular or expanded articles}
- 3/0044 . . {Sugar-cookers processing}
- 3/0046 . . {Batch-rolling, rope-forming, or sizing}
- 3/0048 . . {Candy batch cooling, cooling tables processing}
- 3/0051 . . {Candy-pulling processes; processes for making cotton candy or candy floss}
- 3/0053 . . {Processes for moulding candy in the plastic state}
- 3/0055 . . . {with introduction of sticks}
- 3/0057 . . {Fondant beating or creaming}
- 3/0059 . . {Casting fondant in bulk}
- 3/0061 . . {Moulding fondants}
- 3/0063 . . {Coating or filling sweetmeats or confectionery (coating by casting [A23G 3/0091](#), by dipping [A23G 3/0093](#), by tumbling [A23G 3/0095](#))}
- 3/0065 . . . {Processes for making filled articles, composite articles, multi-layered articles}
- 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}	3/0289	. . . . . {Compression moulding of paste, e.g. in the form of a ball or rope or other preforms, or of a powder or granules}
3/0082	. . . . . {Moulding or shaping of cellular or expanded articles}	3/0294	. . . . {Moulding or shaping of cellular or expanded articles}
3/0085	. . . . {Coating with powders or granules, e.g. sprinkling}	3/04	. . . Sugar-cookers
3/0087	. . . . . {the solid particles being in a fluidised bed or whirling bed, e.g. convexed fluidised bed}	3/06	. . . Batch-rolling, rope-forming, or sizing machines
3/0089	. . . . {Coating with atomised liquid, droplet bed, liquid spray}	3/08	. . . Candy batch cooling tables
3/0091	. . . {Coating by casting of liquids}	3/10	. . . Candy-pulling machines; {Processes or apparatus for making cotton candy or candy floss}
3/0093	. . . {Coating by dipping in a liquid, at the surface of which another liquid or powder may be floating}	3/12	. . . Apparatus for moulding candy in the plastic state
3/0095	. . . {Coating by tumbling with a liquid or powder, spraying device-associated, drum, rotating pan}	3/125	. . . . {with introduction of sticks}
3/0097	. . . {Decorating sweetmeats or confectionery}	3/14	. . . Fondant beating or creaming machines
3/02	. . . Apparatus specially adapted for manufacture or treatment of sweetmeats or confectionery; Accessories therefor	3/16	. . . Apparatus for casting fondant in bulk
3/0205	. . . {Manufacture or treatment of liquids, pastes, creams, granules, shred or powder}	3/18	. . . Apparatus for moulding fondants
3/021	. . . . {Weighing, portioning apparatus}	3/20	. . . Apparatus for coating or filling sweetmeats or confectionery
3/0215	. . . . {Mixing, kneading apparatus}	3/2007	. . . . {Manufacture of filled articles, composite articles, multi-layered articles}
3/0221	. . . . . {with introduction or production of gas or under vacuum; Whipping; Manufacture of cellular mass}	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}
3/0226	. . . . {Apparatus for conditioning, e.g. tempering, cooking, heating, cooling, boiling down, evaporating, degassing, liquefying mass before shaping}	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}
3/0231	. . . . {Transformation of a liquid, paste, cream, lump, powder, granule or shred into powder, granule or shred; Manufacture or treatment of powder}	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}
3/0236	. . . {Shaping of liquid, paste, powder; Manufacture of moulded articles, e.g. modelling, moulding, calendering}	3/2038	. . . . . {Apparatus for closing the hollows after filling; Apparatus for scraping the edges or the lids}
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}	3/2046	. . . . . {Mould conveyor, e.g. with the associated moulds}
3/0247	. . . . . {Devices for cutting, modelling of sections or plates; Embossing, punching, e.g. stamping tools}	3/2053	. . . . . {Removing articles from the mould; Associated manipulation}
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}	3/2061	. . . . . {Compression moulding of paste, e.g. in the form of a ball or rope or other preforms, or of powder or granules}
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}	3/2069	. . . . . {Moulding or shaping of cellular or expanded articles}
3/0263	. . . . . {Moulding apparatus for hollow products, e.g. opened shell}	3/2076	. . . . {Apparatus for coating with powders or granules, e.g. sprinkling}
3/0268	. . . . . {Moulds ( <a href="#">A23G 3/0263</a> takes precedence)}	3/2084	. . . . . {the solid particles being in a fluidised bed or whirling bed, e.g. conveyed fluidised bed}
3/0273	. . . . . {Moulds of plastic or elastomeric material, or plastic or elastomer coated moulds}	3/2092	. . . . {Apparatus for coating with atomised liquid, droplet bed, liquid spray}
3/0278	. . . . . {Mould conveyor, e.g. with the associated mould}	3/22	. . . . Apparatus for coating by casting {of liquids}
3/0284	. . . . . {Removing articles from the mould; Associated manipulation}	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 ( <a href="#">applying liquids to surfaces in general B05</a> )

3/32	<ul style="list-style-type: none"> <li>Process for preparing caramel or sugar colours (colouring foodstuff <a href="#">A23L 5/40</a>; flavouring foodstuff <a href="#">A23L 27/10</a>)</li> </ul> <p><b>NOTE</b></p> <p>Attention is drawn to the internal note after the subclass title</p>	4/043	<ul style="list-style-type: none"> <li>. . . {for composite chewing gum (coating <a href="#">A23G 4/025</a>)}</li> </ul>
3/34	<ul style="list-style-type: none"> <li>Sweetmeats, confectionery or marzipan; Processes for the preparation thereof</li> </ul>	4/046	<ul style="list-style-type: none"> <li>. . . . {with a centre made of chewing gum}</li> </ul>
3/343	<ul style="list-style-type: none"> <li>. . {Products for covering, coating, finishing, decorating}</li> </ul> <p><b>NOTE</b></p> <p>Attention is drawn to the internal note after the subclass title</p>	4/06	<ul style="list-style-type: none"> <li>characterised by the composition {containing organic or inorganic compounds}</li> </ul>
3/346	<ul style="list-style-type: none"> <li>. . {Finished or semi-finished products in the form of powders, paste or liquids (<a href="#">A23G 3/343</a> takes precedence)}</li> </ul> <p><b>NOTE</b></p> <p>Attention is drawn to the internal note after the subclass title</p>	4/062	<ul style="list-style-type: none"> <li>. . {Products for covering, coating, finishing, decorating}</li> </ul> <p><b>NOTE</b></p> <p>Attention is drawn to the internal note after the subclass title</p>
3/36	<ul style="list-style-type: none"> <li>. . characterised by the composition {containing organic or inorganic compounds}</li> </ul>	4/064	<ul style="list-style-type: none"> <li>. . {containing inorganic compounds}</li> </ul>
3/362	<ul style="list-style-type: none"> <li>. . . {containing inorganic compounds}</li> </ul>	4/066	<ul style="list-style-type: none"> <li>. . {characterised by the fat used}</li> </ul>
3/364	<ul style="list-style-type: none"> <li>. . . {containing micro-organisms or enzymes; containing paramedical or dietetical agents, e.g. vitamins}</li> </ul>	4/068	<ul style="list-style-type: none"> <li>. . {containing plants or parts thereof, e.g. fruits, seeds, extracts (<a href="#">containing gums A23G 4/10</a>)}</li> </ul>
3/366	<ul style="list-style-type: none"> <li>. . . . {containing micro-organisms, enzymes}</li> </ul>	4/08	<ul style="list-style-type: none"> <li>. . of the chewing gum base</li> </ul>
3/368	<ul style="list-style-type: none"> <li>. . . . {containing vitamins, antibiotics}</li> </ul>	4/10	<ul style="list-style-type: none"> <li>. . characterised by the carbohydrates used, e.g. polysaccharides (<a href="#">containing dairy products A23G 4/16</a>)</li> </ul>
3/38	<ul style="list-style-type: none"> <li>. . . Sucrose-free products</li> </ul>	4/12	<ul style="list-style-type: none"> <li>. . containing micro-organisms or enzymes; containing paramedical or dietetical agents, e.g. vitamins (<a href="#">containing dairy products A23G 4/16</a>)</li> </ul>
3/40	<ul style="list-style-type: none"> <li>. . . characterised by the fats used (<a href="#">containing dairy products A23G 3/46</a>)</li> </ul>	4/123	<ul style="list-style-type: none"> <li>. . . {containing micro-organisms, enzymes}</li> </ul>
3/42	<ul style="list-style-type: none"> <li>. . . characterised by the carbohydrates used, e.g. polysaccharides (<a href="#">containing dairy products A23G 3/46</a>)</li> </ul>	4/126	<ul style="list-style-type: none"> <li>. . . {containing vitamins, antibiotics}</li> </ul>
3/44	<ul style="list-style-type: none"> <li>. . . containing peptides or proteins (<a href="#">containing dairy products A23G 3/46</a>)</li> </ul>	4/14	<ul style="list-style-type: none"> <li>. . containing peptides or proteins (<a href="#">containing dairy products A23G 4/16</a>)</li> </ul>
3/46	<ul style="list-style-type: none"> <li>. . . containing dairy products</li> </ul>	4/16	<ul style="list-style-type: none"> <li>. . containing dairy products</li> </ul>
3/48	<ul style="list-style-type: none"> <li>. . . containing plants or parts thereof, e.g. fruits, seeds, extracts (<a href="#">containing gums A23G 3/42</a>)</li> </ul>	4/18	<ul style="list-style-type: none"> <li>characterised by shape, structure or physical form, e.g. aerated products</li> </ul>
3/50	<ul style="list-style-type: none"> <li>. . characterised by shape, structure or physical form, e.g. products with supported structure (<a href="#">composite structures including chocolate, e.g. as layer, coating or filler A23G 1/54</a>)</li> </ul>	4/182	<ul style="list-style-type: none"> <li>. . {Foamed, gas-expanded or cellular products}</li> </ul>
3/52	<ul style="list-style-type: none"> <li>. . . Aerated, foamed, cellular or porous products</li> </ul>	4/184	<ul style="list-style-type: none"> <li>. . {products with a supported structure}</li> </ul>
3/54	<ul style="list-style-type: none"> <li>. . . Composite products, e.g. layered, coated, filled</li> </ul>	4/186	<ul style="list-style-type: none"> <li>. . . {products with an inedible support, e.g. a stick}</li> </ul>
3/545	<ul style="list-style-type: none"> <li>. . . . {hollow products, e.g. with inedible or edible filling, fixed or movable within the cavity}</li> </ul>	4/188	<ul style="list-style-type: none"> <li>. . . {products with an edible support, e.g. a stick}</li> </ul>
3/56	<ul style="list-style-type: none"> <li>. . . Products with edible or inedible supports, e.g. lollipops</li> </ul>	4/20	<ul style="list-style-type: none"> <li>. . Composite products, e.g. centre-filled, {multi-layer, laminated}</li> </ul>
3/563	<ul style="list-style-type: none"> <li>. . . . {products with an inedible support, e.g. a stick}</li> </ul>	4/205	<ul style="list-style-type: none"> <li>. . . {Hollow products, e.g. with inedible or edible filling, fixed or movable within the cavity}</li> </ul>
3/566	<ul style="list-style-type: none"> <li>. . . . {products with an edible support, e.g. a cornet}</li> </ul>	<b>7/00</b>	<b>Other apparatus {or process} specially adapted for the chocolate or confectionery industry</b>
<b>4/00</b>	<b>Chewing gum (medicinal preparations characterised by chewing gum form {<a href="#">A61K 9/0058</a>})</b>	7/0006	<ul style="list-style-type: none"> <li>. {Apparatus for cleaning of chocolate or candies}</li> </ul>
4/02	<ul style="list-style-type: none"> <li>Apparatus specially adapted for manufacture or treatment of chewing gum</li> </ul>	7/0012	<ul style="list-style-type: none"> <li>. {Apparatus for measuring, weighing or wrapping of chocolate or candies}</li> </ul>
4/025	<ul style="list-style-type: none"> <li>. . {for coating or surface-finishing}</li> </ul>	7/0018	<ul style="list-style-type: none"> <li>. {Apparatus for cutting or dividing chocolate or candies}</li> </ul>
4/04	<ul style="list-style-type: none"> <li>. . for moulding or shaping</li> </ul>	7/0025	<ul style="list-style-type: none"> <li>. {Apparatus for stacking or unstacking, e.g. stacking of chocolate, confectionery, moulds, trays, except stacking of sticks}</li> </ul>
		7/0031	<ul style="list-style-type: none"> <li>. {Apparatus for manipulating sticks}</li> </ul>
		7/0037	<ul style="list-style-type: none"> <li>. {Apparatus for orientating and reorienting objects, e.g. chocolate, confectionery, trays, moulds, except sticks}</li> </ul>
		7/0043	<ul style="list-style-type: none"> <li>. {Other processes specially adapted for the chocolate or confectionery industry (<a href="#">A23G 7/0006</a> - <a href="#">A23G 7/02</a>)}</li> </ul>
		7/005	<ul style="list-style-type: none"> <li>. . {General processes (Not used)}</li> </ul>
		7/0056	<ul style="list-style-type: none"> <li>. . . {Processes for cleaning of chocolate or candies}</li> </ul>
		7/0062	<ul style="list-style-type: none"> <li>. . . {Processes for measuring, weighing or wrapping of chocolate or candies}</li> </ul>
		7/0068	<ul style="list-style-type: none"> <li>. . . {Cutting or dividing chocolate or candies}</li> </ul>
		7/0075	<ul style="list-style-type: none"> <li>. . . {Processes for stacking or unstacking, e.g. stacking of chocolate, confectionery, moulds, trays, except for sticks}</li> </ul>

- 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 micro-organisms or enzymes; containing paramedical or dietetical agents, e.g. vitamins ([characterised by the dairy products used A23G 9/40](#))
- 9/363 . . . {containing micro-organisms, 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 micro-organisms, 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

## A23G

- 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