

53 Foods and delicacies, not provided for in special classes, including fodder

53b	Preserving vessels, closing devices for sterilisation
53c	Preservation of animal and vegetable foods not provided for in 53d – 53f or 53h – 53k; artificial ripening of fruit; enrichment of grains; chemical grain shelling processes; natural and artificial sausage casings, chemical part
53d	Coffee, coffee substitutes, tea, tea substitutes
53e	Milk preservation, milk preparations, and dairy, chemical part
53f	Cocoa, chocolate and confectionery
53g	Fodder and fodder steaming apparatus
53h	Margarine and edible fats
53i	Proteins, phosphatides, and preparations containing these substances
53k	Manufacture and preparation of foodstuffs not provided for in 53c – 53i
53l	Production of cocoa, chocolate, sweetmeats, candy and confectionery

53b	Preserving vessels, closing devices for sterilisation (cans and can closures 64a-56 – 64a-64; can closing machines 7c-8, 7c-9; devices for heating filled preserving vessels 53c-4)
53b-1	Preserving vessels, sealing rings and materials therefor, chemical part (64a-43)
53b-2	Sterilising bottle closures (6d-1)
53b-3	Sterilising closures for vessels other than bottles; vacuum closures and devices enabling their easy opening; devices indicating state of preservation (53b-2; 64b-22)
53b-4	Sterilisation closure holders (53b-2; 53b-3; 64a-32)
53c	Preservation of animal and vegetable foods not provided for in 53d – 53f or 53h – 53k; artificial ripening of fruit; enrichment of grains; chemical grain shelling processes (stacks for storing field produce 45e-29/01, 45e-25/00; preservation vessels 53b-1); natural and artificial sausage casings, chemical part (mechanical part 66b-15/01 – 66b-16)
53c-1	Preserving of meat, sausage and fish by smoking and drying, smoking apparatus
53c-2	Preserving of meat and fish by salting or pickling
53c-3/01	Preserving of meat and fish by refrigeration, thawing (refrigeration devices 17c; cooling and refrigeration devices on board of ships 65a2-39)
53c-3/02	Manufacture of artificial sausage casings, chemical part (mechanical part 66b-16) and chemical treatment of natural casings (mechanical part 66b-15; substances of skin, meat or leather waste origin without particular binding material in general 39b-26/01)
53c-3/03	Preservation of animal foods otherwise than by smoking, drying, salting, pickling or refrigerating, also production of sausage and sausage-binding materials (66b-11/01)
53c-4	Devices for heating or sterilising filled cans
53c-5	Preservation of eggs, production of dehydrated eggs and the like, egg turners (45h-15/04; 45h-41/06)

- 53c-6/01 Preservation of vegetable foods apart from grains; manufacture of candied fruits; artificial ripening of fruit (drying apparatus 82a)
- 53c-6/02 Preservation, bleaching and enrichment of grain, also chemical husking processes (mechanical husking processes 50a-6/10)

53d Coffee, coffee substitutes, tea, tea substitutes (roasting devices 82a)

- 53d-1 Roasting processes for coffee and coffee substitutes
- 53d-2/01 Preserving of coffee, e.g. by coating
- 53d-2/02 Enrichment of coffee
- 53d-3 Production of solid and liquid coffee extracts
- 53d-4/01 Production of coffee substitutes in general
- 53d-4/02 Production of grain and malt coffee
- 53d-5 Production of caffeine-free or caffeine-poor coffee and extracts, and devices therefor
- 53d-6 Machines for cutting chicory roots
- 53d-7 Production of tea, tea substitutes, e.g. mate, and their extracts, also of alkaloid-free tea and alkaloid-free tea extracts; tea rollers
- 53d-8 Preparation of green and roasted coffee beans, and apparatus therefor

53e Milk preservation, milk preparations, and dairy, chemical part (mechanical part 45g)

- 53e-1 Pasteurisation and sterilisation of bottled milk, and devices therefor (6d-1; 6d-2; 30i-1; 30i-2)
- 53e-2 Pasteurisation and sterilisation of milk in heaters larger than bottles, and devices therefor (degassing of milk 45g-5/02, 45g-11/14; pasteurisation of beer and wine 6d-1; 6d-2; 17f)
- 53e-3 Preservation of milk (preservation and purification of beer and wine, 6d-3)
- 53e-4 Evaporation of milk, milk powder (12a-2 – 12a-4)
- 53e-5 Production of milk products, e.g. mother milk substitutes
- 53e-6/01 Production of butter and cheese (mechanical part 45g-15/01 – 45g-18/02, 45g-24/01 – 45g-24/07, 45g-15/00, 45g-25/00)
- 53e-6/10 Preservation of butter and cheese
- 53e-7 Chemical means and processes in the dairy industry, e.g. milk fat, removal of milk stone (6f-2), use and treatment of dairy waste liquors (85c)

53f Cocoa, chocolate and confectionery (mechanical part 53l)

- 53f-1 Preparing, removing fats and bitter elements from, roasting and cooling cocoa
- 53f-2 Manufacture of cocoa and chocolate products and their substitutes
- 53f-3 Manufacture of candy and confectioner's products, marzipan, persipan, ice cream (53e-5; 53k-1 – 53k-2; devices for the production of ice cream 17b-6)

53g Fodder and fodder steaming apparatus

- 53g-1 Feed from molasses (mixing apparatus 2b; 12e; 50f)
- 53g-2 Feed from blood (53i)
- 53g-3/01 Feed from distillery waste (6b; 89b; 89c; 89h; 89i; 89k)
- 53g-3/02 Dairy waste (53e)
- 53g-3/03 Fermentation fodder (6b; 30h)
- 53g-4/01 Wood and straw hydrolysis fodder (89i-1/02)
- 53g-4/02 Meat, fish and bone meal, carcass, slaughter, and kitchen waste (16; 22 i; 23a; 53 i)
- 53g-4/03 Potato and beet fodder, except silage (53c; 53k; 82a)
- 53g-4/04 Various auxiliary fodders, such as fodder calcium and cod-liver oil preparations; sprouting vegetable fodders; food for bees, silk worms, fowl, game, fish; bait for game and fish
- 53g-4/05 Fodder bricks (moulding devices 2b; 58b; 66b; 80a)

- 53g-4/06 Fodder loaves
Preservation of succulent fodder through storage
- 53g-5/01 of green fodder (37f-2/02; 45e-29/03 – 45e-29/04; 45e-25/00; 81e-133 – 81e-137)
- 53g-5/02 of potatoes, beets (53e; 53k)
- 53g-6 Removal of bitter elements and poisons from fodder, e.g. lupines (12p; 53i; 53k)
- 53g-7 Fodder steaming apparatus (8d; 34l)

53h Margarine and edible fats

- 53h-1/01 Chemical production of edible fats (biological production 6b-16/03)
- 53h-1/02 Production of margarine, chemical part
- 53h-1/03 Enrichment of margarine: aromatisation, addition of colouring [brown] mediums, vitamins, etc.
- 53h-2 Margarine and edible fats, mechanical part: apparatus for mixing, cooling, kneading, shaping etc.

53i Proteins, phosphatides, and preparations containing these substances

- Extraction of albumins and proteins (yeast protein 6a-22)
- 53i-1/01 from meat
- 53i-1/02 from fish and other sea animals (as fodder 53g-4/02)
- 53i-1/03 from blood (blood fodder 53g-2; plastic materials from blood 39b-19)
- 53i-1/04 from birds' eggs
- 53i-1/05 from hair, feathers, horn, skin, leather, or similar substances
- 53i-1/06 from grain seeds, flour, bran, molasses (unrefined gluten 89k-4)
- 53i-1/07 from leguminous and other plant seeds, especially from oil production press waste
- 53i-1/08 from waste liquors in starch production, potato juice, and similar waste products
- 53i-1/20 Extraction of casein, casein precipitation (cottage cheese and cheese 53e-6/01)
- 53i-1/21 Drying of casein
- 53i-1/22 Rendering casein soluble and foaming (plastic materials from casein 39b-18, 39b6)
- 53i-2/01 Protein-containing soup powders and cubes
- 53i-2/02 Protein degradation products: soup cubes, meat extracts, etc.
- 53i-3/01 Extraction of phosphatides, e.g. lecithin
- 53i-3/02 Phosphatide and lecithin preparations
- 53i-4 Meat and fish meal (as fodder 53g-4/02), meat juice

53k Manufacture and preparation of foodstuffs not provided for in 53c – 53i (devices for producing noodles etc. 2b-1/01 – 2b-3/02)

- 53k-1/01 Manufacture and preparation of foodstuffs not provided for in 53c – 53i or 53k-1/02, 53k-2/01, 53k-2/02, e.g. marmalade, fruit juices and unfermented beverages (6b-21; 6d; 53e)
- 53k-1/02 Production of pectin for preparation of foodstuffs
- 53k-2/01 Production of flour and starch products etc. (flour for baking 2c-2/01); dough products, e.g. macaroni, grains, pudding starch, chemical part (2b; 50b-1/01; drying devices 82a)
- 53k-2/02 Manufacture of products of soya beans, e.g. removing the bitter elements
- 53k-1/01 Fruit juices (6d-53; fruit presses 34b; 58b)
- 53k-1/02 Extraction of pectin materials
- 53k-1/10 Marmalades, fruit jellies, fruit pastes, bread spreads from vegetable substances
- 53k-1/20 Bee honey (apparatus 45h-19/01, 45h-19/05, 45h-59/00), artificial honey, edible syrup (invert sugar for artificial honey and edible syrup production 89i-2)
- 53k-1/30 Beverages produced without fermentation (6b-21/01 – 6b-21/03), lemonade powders and extracts

53k-2/01	Grain, flour and starch products (baking flour 2c-2/01, 50b-1/01); foods, germinating flour, flour for sauces
53k-2/02	Treatment of soya beans and other legumes, e.g. removing the bitter elements, manufacture of products therefrom
53k-2/10	Potato products
53k-2/20	Pudding powders and starches
53k-2/30	Farinaceous products (machinery and drying apparatus 2b, 82a)
53k-2/40	Puffed grains, such as puffed corn and the like
53k-3/01	Spices, sauces, table salt and substitutes
53k-3/10	Mayonnaise, mustard
53k-3/20	Use of sweetening agents, aromatisation, and colouring of foodstuffs
53k-3/30	Sauerkraut, mushroom extracts
53k-4/01	Preparation of foods from vegetable raw materials, not provided for in 53c – 53i and 53k-1/01 – 53k-3/30
53k-4/10	Food preparation from animal raw material, not provided for in 53c – 53i
53k-5/01	Vitaminisation and upgrading of foods in general, not provided for in 53c – 53i
53k-6	Production and preparation of foodstuffs in general

53I Production of cocoa, chocolate, sweetmeats, candy and confectionery (chemical part 53f)

53I-1/01	Devices for moulding chocolate products
53I-1/10	Cutting apparatus (2b-7/07; 2b-8/01; 2b-8/02)
53I-1/20	Bar making devices
53I-1/30	Mould structures
53I-2	Devices for shaping hard candy and other candy, also combined with wrapping machines (wrapping machines, 81a-7, 81a-15, 81a-16)
53I-3	Hand moulds for the production of confectionery
53I-4	Shaking tables for moulding confectionery, other de-aerating devices (80a-49)
53I-5/01	Devices for coating cores and pastry
53I-5/10	Rolling machines
53I-6	Devices for the production of filled candy
53I-7	Devices for decorating confectionery and pastry
53I-8	Devices for cleaning and de-powdering confectionery
53I-9	Candy pulling and spinning machines
53I-10	Devices for cutting chocolate and candy (2b-15; 34b-2/01 – 34b-2/50; 34b-4/01 – 34b-4/30)
53I-11/01	Longitudinal grating machines
53I-11/10	Circular grating machines
53I-11/20	Roller frames (23f; 50b-8/01 – 50b-9/10; 50c-13/20)
53I-11/30	Crushing rollers (50c-6; 55c-10/10; 80a-2)
53I-11/40	Cocoa presses (58a)
53I-11/50	Fondant beating machines
53I-11/60	Almond chopping machines
53I-12	Apparatus for cooling, drying and cooking confectionery
53I-13/01	Miscellaneous in connection with the production of confectionery
53I-13/02	Devices for the production of ice confectionery
53I-13/03	Mould conveying devices not provided for in 53I-1/01 – 53I-1/30, 53I-4, 53I-12
53I-13/04	Mould cleaning devices
53I-14	Apparatus for the confectionery trade, e.g. devices for horizontally dividing pies (other cutting devices for cakes and pies 34b-2/40); marzipan production, e.g. marzipan shape cutters (2b-10/01 – 2b-10/02; 2b-16/02; 17b-6/01 – 17b-6/07; 53f-3)