

Symbol	Typ	Titel
A	Sektion	HUMAN NECESSITIES
A23	Klasse	FOODS OR FOODSTUFFS; THEIR TREATMENT, NOT COVERED BY OTHER CLASSES
A23B	Unterklasse	PRESERVING, e.g. BY CANNING, MEAT, FISH, EGGS, FRUIT, VEGETABLES, EDIBLE SEEDS; CHEMICAL RIPENING OF FRUIT OR VEGETABLES; THE PRESERVED, RIPENED, OR CANNED PRODUCTS (preserving foodstuffs in general A23L 3/00; applying food preservatives in packages B65D 81/28)
A23B 4/00	Hauptgruppe	General methods for preserving meat, sausages, fish or fish products [2]
A23B 4/005	1-Punkt Untergruppe	. Preserving by heating [5]
A23B 4/01	2-Punkt Untergruppe	. . by irradiation or electric treatment [5]
A23B 4/015	1-Punkt Untergruppe	. Preserving by irradiation or electric treatment without heating effect [5]
A23B 4/02	1-Punkt Untergruppe	. Preserving by means of inorganic salts (apparatus therefor A23B 4/26 , A23B 4/32) [2]
A23B 4/023	2-Punkt Untergruppe	. . by kitchen salt or mixtures thereof with inorganic or organic compounds [5]
A23B 4/027	2-Punkt Untergruppe	. . by inorganic salts other than kitchen salt or mixtures thereof with organic compounds, e.g. biochemical compounds [5]
A23B 4/03	1-Punkt Untergruppe	. Drying; Subsequent reconstitution [5]
A23B 4/033	2-Punkt Untergruppe	. . with addition of chemicals (A23B 4/037 takes precedence) [5]
A23B 4/037	2-Punkt Untergruppe	. . Freeze-drying [5]
A23B 4/044	1-Punkt Untergruppe	. Smoking; Smoking devices [5]
A23B 4/048	2-Punkt Untergruppe	. . with addition of chemicals other than natural smoke [5]
A23B 4/052	2-Punkt Untergruppe	. . Smoke generators [5]
A23B 4/056	2-Punkt Untergruppe	. . Smoking combined with irradiation or electric treatment, e.g. electrostatic smoking [5]
A23B 4/06	1-Punkt Untergruppe	. Freezing; Subsequent thawing; Cooling [2]
A23B 4/07	2-Punkt Untergruppe	. . Thawing subsequent to freezing [5]
A23B 4/08	2-Punkt Untergruppe	. . with addition of chemicals before or during cooling [2]
A23B 4/09	3-Punkt Untergruppe	. . . with direct contact between the food and the chemical, e.g. liquid N ₂ , at cryogenic temperature [5]
A23B 4/10	1-Punkt Untergruppe	. Coating with a protective layer; Compositions or apparatus therefor [2]
A23B 4/12	1-Punkt Untergruppe	. Preserving with acids; Acid fermentation [2]
A23B 4/14	1-Punkt Untergruppe	. Preserving with chemicals not covered by groups A23B 4/02 or A23B 4/12 [2]
A23B 4/16	2-Punkt Untergruppe	. . in the form of gases, e.g. fumigation; Compositions or apparatus therefor [5]
A23B 4/18	2-Punkt Untergruppe	. . in the form of liquids or solids (apparatus therefor A23B 4/26 , A23B 4/32) [5]
A23B 4/20	3-Punkt Untergruppe	. . . Organic compounds; Micro-organisms; Enzymes (acid fermentation A23B 4/12) [5]
A23B 4/22	4-Punkt Untergruppe	 Micro-organisms; Enzymes [5]
A23B 4/24	3-Punkt Untergruppe	. . . Inorganic compounds [5]

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A23B 4/26	1-Punkt Untergruppe	. Apparatus for preserving using liquids [5]
A23B 4/28	2-Punkt Untergruppe	. . by injection of liquids [5]
A23B 4/30	2-Punkt Untergruppe	. . by spraying of liquids [5]
A23B 4/32	1-Punkt Untergruppe	. Apparatus for preserving using solids [5]
A23B 5/00	Hauptgruppe	Preservation of eggs or egg products (preserving dough or bakery products A21D)
A23B 5/005	1-Punkt Untergruppe	. Preserving by heating [5]
A23B 5/01	2-Punkt Untergruppe	. . by irradiation or electric treatment [5]
A23B 5/015	1-Punkt Untergruppe	. Preserving by irradiation or electric treatment without heating effect [5]
A23B 5/02	1-Punkt Untergruppe	. Drying; Subsequent reconstitution [5]
A23B 5/025	2-Punkt Untergruppe	. . with addition of chemicals (A23B 5/03 , A23B 5/035 take precedence) [5]
A23B 5/03	2-Punkt Untergruppe	. . Freeze-drying [5]
A23B 5/035	2-Punkt Untergruppe	. . Spray-drying [5]
A23B 5/04	1-Punkt Untergruppe	. Freezing; Subsequent thawing; Cooling
A23B 5/045	2-Punkt Untergruppe	. . Thawing subsequent to freezing [5]
A23B 5/05	2-Punkt Untergruppe	. . with addition of chemicals [5]
A23B 5/055	3-Punkt Untergruppe	. . . with direct contact between the food and the chemical, e.g. liquid N ₂ , at cryogenic temperature [5]
A23B 5/06	1-Punkt Untergruppe	. Coating eggs with a protective layer; Compositions or apparatus therefor [5]
A23B 5/08	1-Punkt Untergruppe	. Preserving with chemicals [5]
A23B 5/10	2-Punkt Untergruppe	. . in the form of gases, e.g. fumigation; Compositions or apparatus therefor [5]
A23B 5/12	2-Punkt Untergruppe	. . in the form of liquids or solids [5]
A23B 5/14	3-Punkt Untergruppe	. . . Organic compounds; Micro-organisms; Enzymes [5]
A23B 5/16	4-Punkt Untergruppe	 Micro-organisms; Enzymes [5]
A23B 5/18	3-Punkt Untergruppe	. . . Inorganic compounds [5]
A23B 5/20	3-Punkt Untergruppe	. . . Apparatus for preserving using liquids [5]
A23B 5/22	3-Punkt Untergruppe	. . . Apparatus for preserving using solids [5]
A23B 7/00	Hauptgruppe	Preservation or chemical ripening of fruit or vegetables [3]
A23B 7/005	1-Punkt Untergruppe	. Preserving by heating [5]
A23B 7/01	2-Punkt Untergruppe	. . by irradiation or electric treatment [5]
A23B 7/015	1-Punkt Untergruppe	. Preserving by irradiation or electric treatment without heating effect [5]
A23B 7/02	1-Punkt Untergruppe	. Dehydrating; Subsequent reconstitution (dried cooked potatoes A23L 1/216)
A23B 7/022	2-Punkt Untergruppe	. . with addition of chemicals (A23B 7/024 to A23B 7/028 take precedence) [5]
A23B 7/024	2-Punkt Untergruppe	. . Freeze-drying [5]
A23B 7/026	2-Punkt Untergruppe	. . Spray-drying [5]

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A23B 7/028	2-Punkt Untergruppe	. . Thin layer-, drum- or roller-drying [5]
A23B 7/03	2-Punkt Untergruppe	. . Drying raw potatoes
A23B 7/04	1-Punkt Untergruppe	. Freezing; Subsequent thawing; Cooling
A23B 7/045	2-Punkt Untergruppe	. . Thawing subsequent to freezing [5]
A23B 7/05	2-Punkt Untergruppe	. . with addition of chemicals [5]
A23B 7/055	3-Punkt Untergruppe	. . . with direct contact between the food and the chemical, e.g. liquid N ₂ , at cryogenic temperature [5]
A23B 7/06	1-Punkt Untergruppe	. Blanching (machines therefor A23N 12/00) [3]
A23B 7/08	1-Punkt Untergruppe	. Preserving with sugars (marmalade, jam, fruit jellies A23L 1/06)
A23B 7/10	1-Punkt Untergruppe	. Preserving with acids; Acid fermentation
A23B 7/12	2-Punkt Untergruppe	. . Apparatus for compressing sauerkraut
A23B 7/14	1-Punkt Untergruppe	. Preserving or ripening with chemicals not covered by group A23B 7/08 or A23B 7/10
A23B 7/144	2-Punkt Untergruppe	. . in the form of gases, e.g. fumigation; Compositions or apparatus therefor [3, 5]
A23B 7/148	3-Punkt Untergruppe	. . . in a controlled atmosphere, e.g. partial vacuum, comprising only CO ₂ , N ₂ , O ₂ or H ₂ O [3]
A23B 7/152	3-Punkt Untergruppe	. . . in a controlled atmosphere comprising other gases in addition to CO ₂ , N ₂ , O ₂ or H ₂ O [3]
A23B 7/153	2-Punkt Untergruppe	. . in the form of liquids or solids [5]
A23B 7/154	3-Punkt Untergruppe	. . . Organic compounds; Micro-organisms; Enzymes (acid fermentation A23B 7/10) [5]
A23B 7/155	4-Punkt Untergruppe	 Micro-organisms; Enzymes [5]
A23B 7/157	3-Punkt Untergruppe	. . . Inorganic compounds [5]
A23B 7/158	3-Punkt Untergruppe	. . . Apparatus for preserving using liquids [5]
A23B 7/159	3-Punkt Untergruppe	. . . Apparatus for preserving using solids [5]
A23B 7/16	1-Punkt Untergruppe	. Coating with a protective layer; Compositions or apparatus therefor (A23B 7/08 takes precedence) [5]
A23B 9/00	Hauptgruppe	Preservation of edible seeds, e.g. cereals
A23B 9/02	1-Punkt Untergruppe	. Preserving by heating [5]
A23B 9/04	2-Punkt Untergruppe	. . by irradiation or electric treatment [5]
A23B 9/06	1-Punkt Untergruppe	. Preserving by irradiation or electric treatment without heating effect [5]
A23B 9/08	1-Punkt Untergruppe	. Drying; Subsequent reconstitution [5]
A23B 9/10	1-Punkt Untergruppe	. Freezing; Subsequent thawing; Cooling [5]
A23B 9/12	2-Punkt Untergruppe	. . Thawing subsequent to freezing [5]
A23B 9/14	1-Punkt Untergruppe	. Coating with a protective layer; Compositions or apparatus therefor [5]
A23B 9/16	1-Punkt Untergruppe	. Preserving with chemicals [5]
A23B 9/18	2-Punkt Untergruppe	. . in the form of gases, e.g. fumigation; Compositions or apparatus therefor [5]
A23B 9/20	3-Punkt Untergruppe	. . . in a controlled atmosphere, e.g. partial vacuum, comprising only CO ₂ , N ₂ , O ₂ or H ₂ O [5]

Symbol	Typ	Titel
A23B 9/22	3-Punkt Untergruppe	. . . in a controlled atmosphere comprising other gases in addition to CO ₂ , N ₂ , O ₂ or H ₂ O [5]
A23B 9/24	2-Punkt Untergruppe	. . in the form of liquids or solids [5]
A23B 9/26	3-Punkt Untergruppe	. . . Organic compounds; Micro-organisms; Enzymes [5]
A23B 9/28	4-Punkt Untergruppe	 Micro-organisms; Enzymes [5]
A23B 9/30	3-Punkt Untergruppe	. . . Inorganic compounds [5]
A23B 9/32	3-Punkt Untergruppe	. . . Apparatus for preserving using liquids [5]
A23B 9/34	3-Punkt Untergruppe	. . . Apparatus for preserving using solids [5]