

CPC COOPERATIVE PATENT CLASSIFICATION

A23V INDEXING SCHEME RELATING TO FOODS, FOODSTUFFS OR NON-ALCOHOLIC BEVERAGES

NOTE

This subclass constitutes an internal scheme for indexing only.

2002/00 Food compositions, function of food ingredients or processes for food or foodstuffs

NOTES

1. Indexing codes of main groups [A23V 2200/00](#), [A23V 2250/00](#) and [A23V 2300/00](#) are used in combination as C-sets with the base symbol [A23V 2002/00](#) to indicate the composition, function of ingredients or processes.
2. The indexing codes of this group are used in combination with the ingredients compositions codes

2200/00 Function of food ingredients (not used; see subgroups)

NOTE

The indexing codes under this group are used in combination with the codes for ingredients compositions

2200/02	. Antioxidant
2200/03	. Antigenicity
2200/04	. Colour
2200/042	. . Browning
2200/044	. . Colouring
2200/046	. . Discolouring, bleaching
2200/048	. . Preventing colour changes
2200/06	. pH modification agent
2200/08	. Food product presented as a kit of parts
2200/09	. Food product presented as a toy or amusement
2200/10	. Preserving against microbes
2200/12	. Replacer
2200/122	. . Egg replacer
2200/124	. . Fat replacer
2200/126	. . Flour replacer
2200/128	. . Gelatin replacer
2200/13	. . Protein replacer
2200/132	. . Sugar replacer
2200/14	. Mouthfeel improving agent
2200/15	. Flavour affecting agent
2200/16	. Taste affecting agent
2200/18	. Water activity affecting agent
2200/20	. Ingredients acting on or related to the structure
2200/202	. . Agglomerating agent
2200/204	. . Anti-foaming agent
2200/206	. . Anti-freezing agent
2200/208	. . Anticaking agent
2200/209	. . Barrier agent, e.g. layer
2200/21	. . Binding agent
2200/212	. . Buffering agent
2200/214	. . Chelating agent

2200/216	. . Clouding agent
2200/218	. . Coagulant
2200/22	. . Coating agent
2200/221	. . Cooling agent
2200/222	. . Emulsifier
2200/224	. . Encapsulating agent
2200/226	. . Foaming agent
2200/228	. . Gelling agent
2200/23	. . Humectant
2200/232	. . Melting agents
2200/234	. . Raising agent
2200/236	. . Solidifying agent
2200/238	. . Solubility improving agent
2200/24	. . Tenderizing
2200/242	. . Thickening agent
2200/244	. . Viscosity modification agent
2200/246	. . Whipping agent
2200/25	. . Nanoparticles, nano structures
2200/254	. . Particle size distribution
2200/26	. Food, ingredients or supplements targeted to meet non-medical requirements, e.g. environmental, religious
2200/262	. . All vegetarian ingredients, i.e. meat-free
2200/264	. . All vegan ingredients, i.e. all animal product free
2200/266	. . All religious conform ingredients
2200/27	. . Low carbon footprint ingredients
2200/30	. Foods, ingredients or supplements having a functional effect on health
2200/302	. . having a modulating effect on age
2200/304	. . having a modulation effect on allergy and risk of allergy
2200/306	. . having an effect on bone mass, e.g. osteoporosis prevention
2200/308	. . having an effect on cancer prevention
2200/31	. . having an effect on comfort perception and well-being
2200/312	. . having an effect on dental health
2200/314	. . having an effect on lung or respiratory system
2200/316	. . having an effect on regeneration or building of ligaments or muscles
2200/318	. . having an effect on skin health and hair or coat
2200/32	. . having an effect on the health of the digestive tract
2200/3202	. . . Prebiotics, ingredients fermented in the gastrointestinal tract by beneficial microflora
2200/3204	. . . Probiotics, living bacteria to be ingested for action in the digestive tract
2200/322	. . having an effect on the health of the nervous system or on mental function
2200/324	. . having an effect on the immune system
2200/326	. . having effect on cardiovascular health
2200/3262	. . having an effect on blood cholesterol

2200/328	. . having effect on glycaemic control and diabetes	2250/108	. . Butane
2200/33	. . High-energy foods and drinks, sports drinks	2250/11	. . Carbon dioxide
2200/332	. . Promoters of weight control and weight loss	2250/112	. . Carbon monoxide
2200/3322	. . . Low carb - reduced carbohydrate content	2250/114	. . Ethane
2200/3324	. . . Low fat - reduced fat content	2250/116	. . Ethylene
2200/334	. . treating the effects of consuming alcohol, narcotics or other addictive behavior, e.g. treating hangover or reducing blood alcohol levels	2250/118	. . Helium
		2250/12	. . Hydrogen
		2250/122	. . Methane
		2250/124	. . Nitrogen
2250/00	Food ingredients (not used; see subgroups)	2250/126	. . Oxygen
2250/02	. Acid	2250/128	. . Ozone
2250/022	. . Acetic acid	2250/13	. . Propane
2250/026	. . Alpha lipoic acid, thiocetic acid	2250/132	. . Sulphur dioxide
2250/028	. . Chlorogenic acid	2250/134	. . Supercritical gas
2250/03	. . Cholic acid	2250/15	. Inorganic Compounds
2250/032	. . Citric acid	2250/152	. . Hydrogen peroxide
2250/034	. . Formic acid	2250/154	. . Water
2250/036	. . Fumaric acid	2250/156	. . Mineral combination (undefined extract A23V 2250/1638)
2250/038	. . Gamma-amino butyric acid		
2250/04	. . Gluconic acid	2250/1562	. . . Silver
2250/042	. . Lactic acid	2250/1564	. . . Aluminium
2250/044	. . Malic acid	2250/1566	. . . Arsenic
2250/046	. . Phosphoric acid	2250/1568	. . . Gold
2250/05	. . Propionic acid	2250/157	. . . Beryllium
2250/052	. . Pyruvic acid	2250/1572	. . . Bore
2250/054	. . Sorbic acid	2250/1574	. . . Brome
2250/056	. . Tartaric acid	2250/1576	. . . Carbon
2250/06	. . Amino acid	2250/1578	. . . Calcium
2250/0602	. . . 5-Hydroxytryptophan	2250/158	. . . Cadmium
2250/0604	. . . Alanine	2250/1582	. . . Chlorine
2250/0606	. . . Arginine	2250/1584	. . . Cobalt
2250/0608	. . . Asparagine	2250/1586	. . . Chromium
2250/061	. . . Aspartic acid	2250/1588	. . . Copper
2250/0612	. . . Carnitine	2250/159	. . . Fluor
2250/0614	. . . Citrulline	2250/1592	. . . Iron
2250/0616	. . . Cysteine	2250/1594	. . . Francium
2250/0618	. . . Glutamic acid	2250/1596	. . . Gallium
2250/062	. . . Glutamine	2250/1598	. . . Iodine
2250/0622	. . . Glycine	2250/16	. . . Potassium
2250/0624	. . . Histidine	2250/1602	. . . Lanthanides
2250/0626	. . . Isoleucine	2250/1604	. . . Lithium
2250/0628	. . . Leucine	2250/1608	. . . Molybdenum
2250/063	. . . Lysine	2250/161	. . . Magnesium
2250/0632	. . . Methionine	2250/1612	. . . Manganese
2250/0634	. . . N-Acetyl-Cysteine	2250/1614	. . . Sodium
2250/0636	. . . Ornithine	2250/1616	. . . Nickel
2250/0638	. . . Phenylalanine	2250/1618	. . . Phosphorus
2250/064	. . . Proline	2250/162	. . . Palladium
2250/0642	. . . Serine	2250/1622	. . . Platinum
2250/0644	. . . Taurine	2250/1624	. . . Sulphur
2250/0646	. . . Theanine	2250/1626	. . . Selenium
2250/0648	. . . Threonine	2250/1628	. . . Silicium
2250/065	. . . Tryptophan	2250/163	. . . Tin
2250/0652	. . . Tyrosin	2250/1632	. . . Strontium
2250/0654	. . . Valine	2250/1634	. . . Titanium
2250/08	. Alcohol	2250/1636	. . . Vanadium
2250/082	. . Ethanol	2250/1638	. . . Undefined mineral extract
2250/084	. . Methanol	2250/164	. . . Yttrium
2250/086	. . Propanol	2250/1642	. . . Zinc
2250/10	. Gas	2250/1644	. . . Milk minerals
2250/101	. . Air	2250/18	. Lipids
2250/106	. . Ammonia		

2250/182	. . Diglycerides	2250/2134	. . . Phytic acid, phytate, IP-6 (ACID)
2250/184	. . Emulsifier (emulsifier as function A23V 2200/222 ; not used, see subgroups)	2250/2136	. . . Phytosterols, phytostanols
2250/1842	. . . Lecithin	2250/21362	. . . . Campestanol
2250/1844	. . . Phosphatidic Acid	2250/21364	. . . . Campesterol
2250/1846	. . . Phosphatidyl Choline	2250/21366	. . . . Phytostanol
2250/1848	. . . Phosphatidyl Ethanolamine	2250/21368	. . . . Phytosterols
2250/185	. . . Phosphatidyl Inositol	2250/2137	. . . . Sitostanol
2250/1852	. . . Phosphatidyl Serine	2250/21372	. . . . Sitosterol
2250/186	. . Fatty acids	2250/21374	. . . . Stigmastanol
2250/1862	. . . Arachidonic acid	2250/21376	. . . . Stigmasterol
2250/1864	. . . Behenic acid	2250/2138	. . . St Johns Wort
2250/1866	. . . Conjugated Linoleic acid	2250/214	. . . Tea
2250/1868	. . . Docosahexaenoic acid	2250/218	. . Yeast extracts (yeast A23V 2250/76)
2250/187	. . . Eicosapentaenoic acid	2250/24	. Non-sugar sweeteners
2250/1872	. . . Linoleic acid	2250/242	. . Acesulfame K, acetylsulfame
2250/1874	. . . Linolenic acid	2250/244	. . Alitame
2250/1876	. . . Long-chain fatty acids	2250/246	. . Cyclamate
2250/1878	. . . Medium-chain fatty acids	2250/248	. . Di-Peptides sweeteners
2250/188	. . . Oleic acid	2250/2482	. . . Aspartam
2250/1882	. . . Polyunsaturated fatty acids	2250/2484	. . . Neotame
2250/1884	. . . Short-chain fatty acids	2250/25	. . Dihydrochalcone
2250/1886	. . . Stearic acid	2250/252	. . Glycyrrhizin
2250/19	. . Genetically modified oil	2250/254	. . Luo Han Guo
2250/192	. . Monoglycerides	2250/256	. . Monellin
2250/194	. . Triglycerides	2250/258	. . Rebaudioside
2250/1942	. . . Long-chain triglycerides	2250/26	. . Saccharin
2250/1944	. . . Medium-chain triglycerides	2250/262	. . Stevioside
2250/1946	. . . Short-chain triglycerides	2250/264	. . Sucralose, halogenated sugar
2250/20	. Natural extracts	2250/266	. . Thaumatin, talin
2250/202	. . Algae extracts	2250/28	. . Oligosaccharides
2250/204	. . Animal extracts	2250/282	. . Oligosaccharides, digestible
2250/2042	. . . Marine animal, fish extracts (algae A23V 2250/202)	2250/284	. . Oligosaccharides, non digestible
2250/2044	. . . Egg yolk	2250/30	. Other Organic compounds
2250/206	. . Bacterial extracts	2250/302	. . Betaine, trimethylglycine
2250/208	. . Fungi extracts	2250/304	. . Choline
2250/21	. . Plant extracts	2250/306	. . Creatine
2250/2102	. . . Aloe	2250/308	. . Glucosamine
2250/2104	. . . Anthocyanins	2250/31	. . Glutathione
2250/2106	. . . Bilberries, blueberries	2250/312	. . S-adenosyl methionine
2250/2108	. . . Caffeine, coffee extract	2250/314	. . Ubiquinone, coenzyme Qn
2250/211	. . . Carotene, carotenoids	2250/50	. Polysaccharides, gums
2250/2112	. . . Curcumin, turmeric	2250/502	. . Gums
2250/2114	. . . Echinacea	2250/5022	. . . Acacia
2250/2116	. . . Flavonoids, isoflavones	2250/5024	. . . Agar
2250/21162	. . . . Citrus flavonoids	2250/5026	. . . Alginate
2250/21164	. . . . Hesperidin	2250/5028	. . . Arabic
2250/21166	. . . . Proanthocyanidins, grape seed extracts	2250/503	. . . Arabinogalactan
2250/21168	. . . . Quercetin	2250/5032	. . . Bassorine
2250/2117	. . . . Rutin	2250/5034	. . . Beta-Glucan
2250/21172	. . . . Soy Isoflavones, daidzein, genistein	2250/5036	. . . Carrageenan
2250/2118	. . . Garcinia cambogia, hydroxycitric acid	2250/50362	. . . . Iota-carrageenan
2250/212	. . . Garlic	2250/50364	. . . . Kappa-carrageenan
2250/2122	. . . Ginkgo Biloba	2250/50366	. . . . Lambda-carrageenan
2250/2124	. . . Ginseng	2250/5038	. . . Cassia
2250/2126	. . . Guarana	2250/504	. . . Curdlan
2250/2128	. . . Kava	2250/5042	. . . Dextran
2250/213	. . . Lycopene	2250/5044	. . . Flax seed
2250/2131	. . . Olive	2250/5046	. . . Fructan
2250/2132	. . . Other phenolic compounds, polyphenols	2250/5048	. . . Furcellaran, estagar
		2250/505	. . . Galactomannan
		2250/5054	. . . Gellan

2250/5056	. . .	Ghatti, indian gum	2250/614	. .	Lactulose
2250/5058	. . .	Glucommannan	2250/616	. .	Maltose
2250/506	. . .	Guar	2250/618	. .	Mannose
2250/5062	. . .	Inulin	2250/62	. .	Palatinose, isomaltulose
2250/5064	. . .	Karaya	2250/622	. .	Raffinose
2250/5066	. . .	Konjak	2250/624	. .	Rhamnose
2250/5068	. . .	Levan	2250/626	. .	Ribose
2250/507	. . .	Locust bean, carob	2250/628	. .	Saccharose, sucrose
2250/5072	. . .	Pectine, pectinate	2250/63	. .	Sorbose
2250/50722	. . . .	High methoxy pectine	2250/632	. .	Stachyose
2250/50724	. . . .	Low methoxy pectine	2250/634	. .	Tagatose
2250/5074	. . .	Psyllium	2250/636	. .	Trehalose
2250/5076	. . .	Pullulane	2250/638	. .	Xylose
2250/508	. . .	Tamarind	2250/64	. .	Sugar alcohols
2250/5082	. . .	Tara	2250/6402	. . .	Erythritol
2250/5084	. . .	Tragacanth	2250/6404	. . .	Galactitol
2250/5086	. . .	Xanthan	2250/6406	. . .	Glycerol
2250/51	. .	Polysaccharide	2250/6408	. . .	Hydrogenated starch hydrolysate
2250/5102	. . .	Amylopectin	2250/641	. . .	Inositol
2250/5104	. . .	Amylose	2250/6412	. . .	Isomaltitol, palatinit
2250/5106	. . .	Bran	2250/6414	. . .	Lactitol
2250/5108	. . .	Cellulose	2250/6416	. . .	Maltitol
2250/51082	. . . .	Carboxymethyl cellulose	2250/6418	. . .	Mannitol
2250/51084	. . . .	Crystalline, micro-crystalline cellulose	2250/642	. . .	Sorbitol
2250/51086	. . . .	Hydroxyalkyl cellulose	2250/6422	. . .	Xylitol
2250/51088	. . . .	Other cellulose derivatives	2250/70	. .	Vitamins
2250/511	. . .	Chitin, chitosan	2250/702	. .	Vitamin A
2250/5112	. . .	Cyclodextrin	2250/704	. .	Vitamin B
2250/5114	. . .	Dextrins, maltodextrins	2250/7042	. . .	Vitamin B1
2250/5116	. . .	Other non-digestible fibres	2250/7044	. . .	Vitamin B2
2250/5118	. . .	Starch	2250/7046	. . .	Vitamin B3 niacin
2250/54	. .	Proteins	2250/7048	. . .	Vitamin B4
2250/542	. .	Animal Protein	2250/705	. . .	Vitamin B5 pantothenic acid
2250/5422	. . .	Collagen	2250/7052	. . .	Vitamin B6
2250/5424	. . .	Dairy protein	2250/7054	. . .	Vitamin B7
2250/54242	. . . .	Alpha lactalbumin	2250/7056	. . .	Vitamin B8 Folic acid
2250/54244	. . . .	Beta lactoglobulin	2250/7058	. . .	Vitamin B9
2250/54246	. . . .	Casein	2250/706	. . .	Vitamin B12
2250/54248	. . . .	Lactoferrin	2250/708	. .	Vitamin C
2250/5425	. . . .	Lactoperoxidase	2250/71	. .	Vitamin D
2250/54252	. . . .	Whey protein	2250/7102	. . .	Vitamin D1
2250/5428	. . .	Egg protein	2250/7104	. . .	Vitamin D2
2250/543	. . .	Fish protein	2250/7106	. . .	Vitamin D3
2250/5432	. . .	Gelatine	2250/712	. .	Vitamin E
2250/5434	. . .	Immunoglobulines	2250/714	. .	Vitamin K
2250/5436	. . .	Serum albumin [SAB]	2250/7142	. . .	Vitamin K1
2250/5438	. . .	Sialic acid, glycomacroprotein	2250/7144	. . .	Vitamin K2
2250/546	. .	Microbial protein	2250/7146	. . .	Vitamin K3
2250/548	. .	Vegetable protein	2250/716	. .	Vitamin M
2250/5482	. . .	Cereal protein	2250/718	. .	Vitamin PP
2250/5484	. . .	Oat protein	2250/72	. .	Biotin
2250/5486	. . .	Wheat protein, gluten	2250/76	. .	Yeasts
2250/5488	. . .	Soybean protein	2250/762	. .	Saccharomyces
2250/55	. .	Peptide, protein hydrolysate	2300/00		Processes (not used; see subgroups)
2250/60	. .	Sugars, e.g. mono-, di-, tri-, tetra-saccharides	2300/02	. .	Adsorption
2250/602	. .	Arabinose	2300/04	. .	Aeration
2250/604	. .	Cellobiose	2300/06	. .	Deamidation, e.g. deamidation of protein
2250/606	. .	Fructose	2300/08	. .	Denaturation, e.g. denaturation of protein
2250/608	. .	Galactose	2300/10	. .	Drying, dehydrating
2250/61	. .	Glucose, Dextrose			
2250/612	. .	Lactose			

- 2300/12 . Electrical treatment, e.g. electrolysis, electrical field treatment, with or without heating effect

NOTE

To be combined with [A23V 2300/24](#) in case of heating effect

- 2300/14 . Extraction
- 2300/16 . Extrusion
- 2300/18 . Fractionation
- 2300/20 . Freezing
- 2300/21 . Genetic modification
- 2300/24 . Heat, thermal treatment
- 2300/26 . Homogenisation
- 2300/28 . Hydrolysis, degree of hydrolysis
- 2300/30 . Ion-exchange
- 2300/31 . Mechanical treatment
- 2300/34 . Membrane process
- 2300/36 . Modification in general
- 2300/38 . Multiple-step
- 2300/40 . Precipitation
- 2300/41 . Shearing
- 2300/44 . Supercritical state
- 2300/46 . Ultra high pressure
- 2300/48 . Ultrasonic treatment
- 2300/50 . Concentrating, enriching or enhancing in functional factors