

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.

A23V 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 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

A23V 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

[A23V 2200/02](#)

- . Antioxidant

[A23V 2200/03](#)

- . Antigenicity

[A23V 2200/04](#)

- . Colour

[A23V 2200/042](#)

- . . Browning

[A23V 2200/044](#)

- . . Colouring

[A23V 2200/046](#)

- . . Discolouring, bleaching

[A23V 2200/048](#)

- . . Preventing colour changes

[A23V 2200/06](#)

- . pH modification agent

[A23V 2200/08](#)

- . Food product presented as a kit of parts

[A23V 2200/09](#)

- . Food product presented as a toy or amusement

[A23V 2200/10](#)

- . Preserving against microbes

[A23V 2200/12](#)

- . Replacer

[A23V 2200/122](#)

- . . Egg replacer

[A23V 2200/124](#)

- . . Fat replacer

[A23V 2200/126](#)

- . . Flour replacer

[A23V 2200/128](#)

- . . Gelatin replacer

[A23V 2200/13](#)

- . . Protein replacer

[A23V 2200/132](#)

- . . Sugar replacer

[A23V 2200/14](#)

- . Mouthfeel improving agent

[A23V 2200/15](#)

- . Flavour affecting agent

A23V 2200/16	• Taste affecting agent
A23V 2200/18	• Water activity affecting agent
A23V 2200/20	• Ingredients acting on or related to the structure
A23V 2200/202	• • Agglomerating agent
A23V 2200/204	• • Anti-foaming agent
A23V 2200/206	• • Anti-freezing agent
A23V 2200/208	• • Anticaking agent
A23V 2200/209	• • Barrier agent , e.g. layer
A23V 2200/21	• • Binding agent
A23V 2200/212	• • Buffering agent
A23V 2200/214	• • Chelating agent
A23V 2200/216	• • Clouding agent
A23V 2200/218	• • Coagulant
A23V 2200/22	• • Coating agent
A23V 2200/221	• • Cooling agent
A23V 2200/222	• • Emulsifier
A23V 2200/224	• • Encapsulating agent
A23V 2200/226	• • Foaming agent
A23V 2200/228	• • Gelling agent
A23V 2200/23	• • Humectant
A23V 2200/232	• • Melting agents
A23V 2200/234	• • Raising agent
A23V 2200/236	• • Solidifying agent
A23V 2200/238	• • Solubility improving agent
A23V 2200/24	• • Tenderizing
A23V 2200/242	• • Thickening agent
A23V 2200/244	• • Viscosity modification agent
A23V 2200/246	• • Whipping agent
A23V 2200/25	• • Nanoparticles, nano structures
A23V 2200/254	• • Particle size distribution
A23V 2200/26	• Food,ingredients or supplements targeted to meet non-medical requirements, e.g. environmental, religious
A23V 2200/262	• • All vegetarian ingredients, i.e. meat-free
A23V 2200/264	• • All vegan ingredients, i.e. all animal product free
A23V 2200/266	• • All religious conform ingredients
A23V 2200/27	• • Low carbon footprint ingredients
A23V 2200/30	• Foods, ingredients or supplements having a functional effect on health
A23V 2200/302	• • having a modulating effect on age
A23V 2200/304	• • having a modulation effect on allergy and risk of allergy
A23V 2200/306	• • having an effect on bone mass, e.g. osteoporosis prevention

A23V 2200/308	. . having an effect on cancer prevention
A23V 2200/31	. . having an effect on comfort perception and well-being
A23V 2200/312	. . having an effect on dental health
A23V 2200/314	. . having an effect on lung or respiratory system
A23V 2200/316	. . having an effect on regeneration or building of ligaments or muscles
A23V 2200/318	. . having an effect on skin health and hair or coat
A23V 2200/32	. . having an effect on the health of the digestive tract
A23V 2200/3202	. . . Prebiotics, ingredients fermented in the gastrointestinal tract by beneficial microflora
A23V 2200/3204	. . . Probiotics, living bacteria to be ingested for action in the digestive tract
A23V 2200/322	. . having an effect on the health of the nervous system or on mental function
A23V 2200/324	. . having an effect on the immune system
A23V 2200/326	. . having effect on cardiovascular health
A23V 2200/3262	. . having an effect on blood cholesterol
A23V 2200/328	. . having effect on glycaemic control and diabetes
A23V 2200/33	. . High-energy foods and drinks, sports drinks
A23V 2200/332	. . Promoters of weight control and weight loss
A23V 2200/3322	. . . Low carb - reduced carbohydrate content
A23V 2200/3324	. . . Low fat - reduced fat content
A23V 2200/334	. . treating the effects of consuming alcohol, narcotics or other addictive behavior, e.g. treating hangover or reducing blood alcohol levels

A23V 2250/00**Food ingredients** (not used; see subgroups)

A23V 2250/02	. Acid
A23V 2250/022	. . Acetic acid
A23V 2250/026	. . Alpha lipoic acid, thioctic acid
A23V 2250/028	. . Chlorogenic acid
A23V 2250/03	. . Cholic acid
A23V 2250/032	. . Citric acid
A23V 2250/034	. . Formic acid
A23V 2250/036	. . Fumaric acid
A23V 2250/038	. . Gamma-amino butyric acid
A23V 2250/04	. . Gluconic acid
A23V 2250/042	. . Lactic acid
A23V 2250/044	. . Malic acid
A23V 2250/046	. . Phosphoric acid
A23V 2250/05	. . Propionic acid
A23V 2250/052	. . Pyruvic acid
A23V 2250/054	. . Sorbic acid
A23V 2250/056	. . Tartaric acid
A23V 2250/06	. . Amino acid

A23V 2250/0602	. . .	5-Hydroxytryptophan
A23V 2250/0604	. . .	Alanine
A23V 2250/0606	. . .	Arginine
A23V 2250/0608	. . .	Asparagine
A23V 2250/061	. . .	Aspartic acid
A23V 2250/0612	. . .	Carnitine
A23V 2250/0614	. . .	Citrulline
A23V 2250/0616	. . .	Cysteine
A23V 2250/0618	. . .	Glutamic acid
A23V 2250/062	. . .	Glutamine
A23V 2250/0622	. . .	Glycine
A23V 2250/0624	. . .	Histidine
A23V 2250/0626	. . .	Isoleucine
A23V 2250/0628	. . .	Leucine
A23V 2250/063	. . .	Lysine
A23V 2250/0632	. . .	Methionine
A23V 2250/0634	. . .	N-Acetyl-Cysteine
A23V 2250/0636	. . .	Ornithine
A23V 2250/0638	. . .	Phenylalanine
A23V 2250/064	. . .	Proline
A23V 2250/0642	. . .	Serine
A23V 2250/0644	. . .	Taurine
A23V 2250/0646	. . .	Theanine
A23V 2250/0648	. . .	Threonine
A23V 2250/065	. . .	Tryptophan
A23V 2250/0652	. . .	Tyrosin
A23V 2250/0654	. . .	Valine
A23V 2250/08	. .	Alcohol
A23V 2250/082	. .	Ethanol
A23V 2250/084	. .	Methanol
A23V 2250/086	. .	Propanol
A23V 2250/10	. .	Gas
A23V 2250/101	. .	Air
A23V 2250/106	. .	Ammonia
A23V 2250/108	. .	Butane
A23V 2250/11	. .	Carbon dioxide
A23V 2250/112	. .	Carbon monoxide
A23V 2250/114	. .	Ethane
A23V 2250/116	. .	Ethylene
A23V 2250/118	. .	Helium

A23V 2250/12	. . Hydrogen
A23V 2250/122	. . Methane
A23V 2250/124	. . Nitrogen
A23V 2250/126	. . Oxygen
A23V 2250/128	. . Ozone
A23V 2250/13	. . Propane
A23V 2250/132	. . Sulphur dioxide
A23V 2250/134	. . Supercritical gas
A23V 2250/15	. Inorganic Compounds
A23V 2250/152	. . Hydrogen peroxide
A23V 2250/154	. . Water
A23V 2250/156	. . Mineral combination (undefined extract A23V 2250/1638)
A23V 2250/1562	. . . Silver
A23V 2250/1564	. . . Aluminium
A23V 2250/1566	. . . Arsenic
A23V 2250/1568	. . . Gold
A23V 2250/157	. . . Beryllium
A23V 2250/1572	. . . Bore
A23V 2250/1574	. . . Brome
A23V 2250/1576	. . . Carbon
A23V 2250/1578	. . . Calcium
A23V 2250/158	. . . Cadmium
A23V 2250/1582	. . . Chlorine
A23V 2250/1584	. . . Cobalt
A23V 2250/1586	. . . Chromium
A23V 2250/1588	. . . Copper
A23V 2250/159	. . . Fluor
A23V 2250/1592	. . . Iron
A23V 2250/1594	. . . Francium
A23V 2250/1596	. . . Gallium
A23V 2250/1598	. . . Iodine
A23V 2250/16	. . . Potassium
A23V 2250/1602	. . . Lanthanides
A23V 2250/1604	. . . Lithium
A23V 2250/1608	. . . Molybdenum
A23V 2250/161	. . . Magnesium
A23V 2250/1612	. . . Manganese
A23V 2250/1614	. . . Sodium
A23V 2250/1616	. . . Nickel
A23V 2250/1618	. . . Phosphorus

A23V 2250/162	. . .	Palladium
A23V 2250/1622	. . .	Platinum
A23V 2250/1624	. . .	Sulphur
A23V 2250/1626	. . .	Selenium
A23V 2250/1628	. . .	Silicium
A23V 2250/163	. . .	Tin
A23V 2250/1632	. . .	Strontium
A23V 2250/1634	. . .	Titanium
A23V 2250/1636	. . .	Vanadium
A23V 2250/1638	. . .	Undefined mineral extract
A23V 2250/164	. . .	Yttrium
A23V 2250/1642	. . .	Zinc
A23V 2250/1644	. . .	Milk minerals
A23V 2250/18	. .	Lipids
A23V 2250/182	. .	Diglycerides
A23V 2250/184	. .	Emulsifier (emulsifier as function A23V 2200/222 ; not used, see subgroups)
A23V 2250/1842	. . .	Lecithin
A23V 2250/1844	. . .	Phosphatidic Acid
A23V 2250/1846	. . .	Phosphatidyl Choline
A23V 2250/1848	. . .	Phosphatidyl Ethanolamine
A23V 2250/185	. . .	Phosphatidyl Inositol
A23V 2250/1852	. . .	Phosphatidyl Serine
A23V 2250/186	. .	Fatty acids
A23V 2250/1862	. . .	Arachidonic acid
A23V 2250/1864	. . .	Behenic acid
A23V 2250/1866	. . .	Conjugated Linoleic acid
A23V 2250/1868	. . .	Docosahexaenoic acid
A23V 2250/187	. . .	Eicosapentaenoic acid
A23V 2250/1872	. . .	Linoleic acid
A23V 2250/1874	. . .	Linolenic acid
A23V 2250/1876	. . .	Long-chain fatty acids
A23V 2250/1878	. . .	Medium-chain fatty acids
A23V 2250/188	. . .	Oleic acid
A23V 2250/1882	. . .	Polyunsaturated fatty acids
A23V 2250/1884	. . .	Short-chain fatty acids
A23V 2250/1886	. . .	Stearic acid
A23V 2250/19	. .	Genetically modified oil
A23V 2250/192	. .	Monoglycerides
A23V 2250/194	. .	Triglycerides
A23V 2250/1942	. . .	Long-chain triglycerides

A23V 2250/1944	. . .	Medium-chain triglycerides
A23V 2250/1946	. . .	Short-chain triglycerides
A23V 2250/20	.	Natural extracts
A23V 2250/202	. .	Algae extracts
A23V 2250/204	. .	Animal extracts
A23V 2250/2042	. . .	Marine animal, fish extracts (algae A23V 2250/202)
A23V 2250/2044	. . .	Egg yolk
A23V 2250/206	. .	Bacterial extracts
A23V 2250/208	. .	Fungi extracts
A23V 2250/21	. .	Plant extracts
A23V 2250/2102	. . .	Aloe
A23V 2250/2104	. . .	Anthocyanins
A23V 2250/2106	. . .	Bilberries, blueberries
A23V 2250/2108	. . .	Caffeine, coffee extract
A23V 2250/211	. . .	Carotene, carotenoids
A23V 2250/2112	. . .	Curcumin, turmeric
A23V 2250/2114	. . .	Echinacea
A23V 2250/2116	. . .	Flavonoids, isoflavones
A23V 2250/21162	. . . .	Citrus flavonoids
A23V 2250/21164	. . . .	Hesperidin
A23V 2250/21166	. . . .	Proanthocyanidins, grape seed extracts
A23V 2250/21168	. . . .	Quercetin
A23V 2250/2117	. . . .	Rutin
A23V 2250/21172	. . . .	Soy Isoflavones, daidzein, genistein
A23V 2250/2118	. . .	Garcinia cambogia, hydroxycitric acid
A23V 2250/212	. . .	Garlic
A23V 2250/2122	. . .	Ginkgo Biloba
A23V 2250/2124	. . .	Ginseng
A23V 2250/2126	. . .	Guarana
A23V 2250/2128	. . .	Kava
A23V 2250/213	. . .	Lycopene
A23V 2250/2131	. . .	Olive
A23V 2250/2132	. . .	Other phenolic compounds, polyphenols
A23V 2250/2134	. . .	Phytic acid, phytate, IP-6 (ACID)
A23V 2250/2136	. . .	Phytosterols, phytosterols
A23V 2250/21362	. . . .	Campestanol
A23V 2250/21364	. . . .	Campesterol
A23V 2250/21366	. . . .	Phytosterol
A23V 2250/21368	. . . .	Phytosterols
A23V 2250/2137	. . . .	Sitosterol

A23V 2250/21372	. . . .	Sitosterol
A23V 2250/21374	. . . .	Stigmastanol
A23V 2250/21376	. . . .	Stigmasterol
A23V 2250/2138	. . .	St Johns Wort
A23V 2250/214	. . .	Tea
A23V 2250/218	. .	Yeast extracts (yeast A23V 2250/76)
A23V 2250/24	.	Non-sugar sweeteners
A23V 2250/242	. .	Acesulfame K, acetylsulfame
A23V 2250/244	. .	Alitame
A23V 2250/246	. .	Cyclamate
A23V 2250/248	. .	Di-Peptides sweeteners
A23V 2250/2482	. . .	Aspartam
A23V 2250/2484	. . .	Neotame
A23V 2250/25	. .	Dihydrochalcone
A23V 2250/252	. .	Glycyrrhizin
A23V 2250/254	. .	Luo Han Guo
A23V 2250/256	. .	Monellin
A23V 2250/258	. .	Rebaudioside
A23V 2250/26	. .	Saccharin
A23V 2250/262	. .	Stevioside
A23V 2250/264	. .	Sucralose, halogenated sugar
A23V 2250/266	. .	Thaumatococin, talin
A23V 2250/28	.	Oligosaccharides
A23V 2250/282	. .	Oligosaccharides, digestible
A23V 2250/284	. .	Oligosaccharides, non digestible
A23V 2250/30	.	Other Organic compounds
A23V 2250/302	. .	Betaine, trimethylglycine
A23V 2250/304	. .	Choline
A23V 2250/306	. .	Creatine
A23V 2250/308	. .	Glucosamine
A23V 2250/31	. .	Glutathione
A23V 2250/312	. .	S-adenosyl methionine
A23V 2250/314	. .	Ubiquinone, coenzyme Qn
A23V 2250/50	.	Polysaccharides, gums
A23V 2250/502	. .	Gums
A23V 2250/5022	. . .	Acacia
A23V 2250/5024	. . .	Agar
A23V 2250/5026	. . .	Alginate
A23V 2250/5028	. . .	Arabic
A23V 2250/503	. . .	Arabinogalactan

A23V 2250/5032	. . .	Bassorine
A23V 2250/5034	. . .	Beta-Glucan
A23V 2250/5036	. . .	Carrageenan
A23V 2250/50362	. . . .	Iota-carrageenan
A23V 2250/50364	. . . .	Kappa-carrageenan
A23V 2250/50366	. . . .	Lambda-carrageenan
A23V 2250/5038	. . .	Cassia
A23V 2250/504	. . .	Curdlan
A23V 2250/5042	. . .	Dextran
A23V 2250/5044	. . .	Flax seed
A23V 2250/5046	. . .	Fructan
A23V 2250/5048	. . .	Furcellaran, estagar
A23V 2250/505	. . .	Galactomannan
A23V 2250/5054	. . .	Gellan
A23V 2250/5056	. . .	Ghatti, indian gum
A23V 2250/5058	. . .	Glucommannan
A23V 2250/506	. . .	Guar
A23V 2250/5062	. . .	Inulin
A23V 2250/5064	. . .	Karaya
A23V 2250/5066	. . .	Konjak
A23V 2250/5068	. . .	Levan
A23V 2250/507	. . .	Locust bean, carob
A23V 2250/5072	. . .	Pectine, pectinate
A23V 2250/50722	. . . .	High methoxy pectine
A23V 2250/50724	. . . .	Low methoxy pectine
A23V 2250/5074	. . .	Psyllium
A23V 2250/5076	. . .	Pullulane
A23V 2250/508	. . .	Tamarind
A23V 2250/5082	. . .	Tara
A23V 2250/5084	. . .	Tragacanth
A23V 2250/5086	. . .	Xanthan
A23V 2250/51	. .	Polysaccharide
A23V 2250/5102	. . .	Amylopectin
A23V 2250/5104	. . .	Amylose
A23V 2250/5106	. . .	Bran
A23V 2250/5108	. . .	Cellulose
A23V 2250/51082	. . . .	Carboxymethyl cellulose
A23V 2250/51084	. . . .	Crystalline, micro-crystalline cellulose
A23V 2250/51086	. . . .	Hydroxyalkyl cellulose
A23V 2250/51088	. . . .	Other cellulose derivatives

A23V 2250/511	. . . Chitin, chitosan
A23V 2250/5112	. . . Cyclodextrin
A23V 2250/5114	. . . Dextrins, maltodextrins
A23V 2250/5116	. . . Other non-digestible fibres
A23V 2250/5118	. . . Starch
A23V 2250/54	. Proteins
A23V 2250/542	. . Animal Protein
A23V 2250/5422	. . . Collagen
A23V 2250/5424	. . . Dairy protein
A23V 2250/54242	. . . . Alpha lactalbumin
A23V 2250/54244	. . . . Beta lactoglobulin
A23V 2250/54246	. . . . Casein
A23V 2250/54248	. . . . Lactoferrin
A23V 2250/5425	. . . . Lactoperoxidase
A23V 2250/54252	. . . . Whey protein
A23V 2250/5428	. . . Egg protein
A23V 2250/543	. . . Fish protein
A23V 2250/5432	. . . Gelatine
A23V 2250/5434	. . . Immunoglobulines
A23V 2250/5436	. . . Serum albumin [SAB]
A23V 2250/5438	. . . Sialic acid, glycomacroprotein
A23V 2250/546	. . Microbial protein
A23V 2250/548	. . Vegetable protein
A23V 2250/5482	. . . Cereal protein
A23V 2250/5484	. . . Oat protein
A23V 2250/5486	. . . Wheat protein, gluten
A23V 2250/5488	. . . Soybean protein
A23V 2250/55	. . Peptide, protein hydrolysate
A23V 2250/60	. Sugars, e.g. mono-, di-, tri-, tetra-saccharides
A23V 2250/602	. . Arabinose
A23V 2250/604	. . Cellobiose
A23V 2250/606	. . Fructose
A23V 2250/608	. . Galactose
A23V 2250/61	. . Glucose, Dextrose
A23V 2250/612	. . Lactose
A23V 2250/614	. . Lactulose
A23V 2250/616	. . Maltose
A23V 2250/618	. . Mannose
A23V 2250/62	. . Palatinose, isomaltulose
A23V 2250/622	. . Raffinose

A23V 2250/624	. .	Rhamnose
A23V 2250/626	. .	Ribose
A23V 2250/628	. .	Saccharose, sucrose
A23V 2250/63	. .	Sorbose
A23V 2250/632	. .	Stachyose
A23V 2250/634	. .	Tagatose
A23V 2250/636	. .	Trehalose
A23V 2250/638	. .	Xylose
A23V 2250/64	. .	Sugar alcohols
A23V 2250/6402	. . .	Erythritol
A23V 2250/6404	. . .	Galactitol
A23V 2250/6406	. . .	Glycerol
A23V 2250/6408	. . .	Hydrogenated starch hydrolysate
A23V 2250/641	. . .	Inositol
A23V 2250/6412	. . .	Isomaltitol, palatinit
A23V 2250/6414	. . .	Lactitol
A23V 2250/6416	. . .	Maltitol
A23V 2250/6418	. . .	Mannitol
A23V 2250/642	. . .	Sorbitol
A23V 2250/6422	. . .	Xylitol
A23V 2250/70	. .	Vitamins
A23V 2250/702	. .	Vitamin A
A23V 2250/704	. .	Vitamin B
A23V 2250/7042	. . .	Vitamin B1
A23V 2250/7044	. . .	Vitamin B2
A23V 2250/7046	. . .	Vitamin B3 niacin
A23V 2250/7048	. . .	Vitamin B4
A23V 2250/705	. . .	Vitamin B5 pantothenic acid
A23V 2250/7052	. . .	Vitamin B6
A23V 2250/7054	. . .	Vitamin B7
A23V 2250/7056	. . .	Vitamin B8 Folic acid
A23V 2250/7058	. . .	Vitamin B9
A23V 2250/706	. . .	Vitamin B12
A23V 2250/708	. .	Vitamin C
A23V 2250/71	. .	Vitamin D
A23V 2250/7102	. . .	Vitamin D1
A23V 2250/7104	. . .	Vitamin D2
A23V 2250/7106	. . .	Vitamin D3
A23V 2250/712	. .	Vitamin E
A23V 2250/714	. .	Vitamin K

A23V 2250/7142	. . . Vitamin K1
A23V 2250/7144	. . . Vitamin K2
A23V 2250/7146	. . . Vitamin K3
A23V 2250/716	. . Vitamin M
A23V 2250/718	. . Vitamin PP
A23V 2250/72	. . Biotin
A23V 2250/76	. Yeasts
A23V 2250/762	. . Saccharomyces

A23V 2300/00**Processes (not used; see subgroups)**

A23V 2300/02	. Adsorption
A23V 2300/04	. Aeration
A23V 2300/06	. Deamidation e.g. deamidation of protein
A23V 2300/08	. Denaturation , e.g. denaturation of protein
A23V 2300/10	. Drying, dehydrating
A23V 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

A23V 2300/14	. Extraction
A23V 2300/16	. Extrusion
A23V 2300/18	. Fractionation
A23V 2300/20	. Freezing
A23V 2300/21	. Genetic modification
A23V 2300/24	. Heat, thermal treatment
A23V 2300/26	. Homogenisation
A23V 2300/28	. Hydrolysis, degree of hydrolysis
A23V 2300/30	. Ion-exchange
A23V 2300/31	. Mechanical treatment
A23V 2300/34	. Membrane process
A23V 2300/36	. Modification in general
A23V 2300/38	. Multiple-step
A23V 2300/40	. Precipitation
A23V 2300/41	. Shearing
A23V 2300/44	. Supercritical state
A23V 2300/46	. Ultra high pressure
A23V 2300/48	. Ultrasonic treatment
A23V 2300/50	. Concentrating, enriching or enhancing in functional factors