A23V

INDEXING SCHEME RELATING TO FOODS, FOODSTUFFS OR NON-ALCOHOLIC BEVERAGES AND LACTIC OR PROPIONIC ACID BACTERIA USED IN FOODSTUFFS OR FOOD PREPARATION

Definition statement

This place covers:

Indexing scheme related to:

- Food ingredients
- Function of food ingredients
- Processes used in food preparation
- Lactic or propionic acid bacteria used in foodstuffs or food preparation.

Relationships with other classification places

The symbols of this subclass are only for use as indexing symbols associated with subclasses A21D, A23B, A23C, A23D, A23F, A23G, A23J, A23K, A23L, C11B, C11C, C12C, C12F, C12G, C12H, C13B or C13K.

Classification guidance:

- Specific examples are classified in priority as far as possible according to C-Sets rule #A23Va as explained below; comparative examples may also be classified.
- If a document discloses 5 or fewer examples, then all examples should be classified.
- If a document discloses more than 5 examples, then at least the 5 most significant examples should be classified.
- A23V 2002/00 is only used as a base symbol in C-Sets classification (see C-Sets rule #A23Va below), and shall not be allocated as a single symbol.
- A23V 2200/00 – A23V 2300/50 are only used as subsequent symbols in the C-Sets (see C-Sets rule #A23Va below), and shall not be allocated as single symbols.
- A23V 2400/00 – A23V 2400/623 may be used as subsequent symbols in C-Sets classification (see C-Sets rule #A23Va below), and may be allocated as single symbols with or without C-Sets classification. For example, a composition comprising Lactobacillus plantarum has A23V 2400/169 allocated as single symbol.

Combination Sets (C-Sets) classification:

In this subclass, C-Sets classification is applied to the following groups listed in the table below when the document discloses a pertinent combination of technical features that cannot be covered by the allocation of a single symbol. The fourth column of the table indicates the place where the detailed information about C-Sets construction and the associated syntax rules can be found, particularly in the definition section "Special rules of classification".

C-Sets ID	Base Symbols	Subsequent Symbols	C-Sets Formula; Location of C-Sets Rules (*)
#A23Va	A23V 2002/00	A23V 2200/00 - A23V 2400/623	(A23V 2002/00, A23V 2200/00 - A23V 2400/623); food compositions or food processes; see A23V

The specific C-Sets rule is located at only one place of the base symbol in the section "Special rules of classification" in the definition. If the C-Sets rule is applicable to all groups of a subclass, then it is located at the subclass level only. If the same C-Sets rule is applicable to multiple groups or subgroups within the same subclass, then the C-Sets rule is placed at the highest group or subgroup of the multiple groups.

C-Sets statement: #A23Va

- In A23V, the combination of food ingredients, function of food ingredients, processes used in food preparation, and lactic or propionic acid bacteria used in foodstuffs or food preparations that are disclosed in specific examples are classified in the form of C-Sets.
- In these C-Sets, the base symbol is A23V 2002/00, whereas the subsequent symbol(s) representing food ingredients, function of food ingredients, processes used in food preparation, and lactic or propionic acid bacteria used in foodstuffs or food preparation are allocated from the groups A23V 2200/00 – A23V 2300/50 and A23V 2400/00 – A23V 2400/623.
- A23V 2002/00 is only used as a base symbol in the C-Sets and may not be allocated as a single symbol.
- Indexing symbols A23V 2200/00 – A23V 2300/50 are only used as subsequent symbols in the C-Sets and may not be allocated as single symbols.
- Indexing symbols A23V 2400/00 – A23V 2400/623 may be used as subsequent symbols in the C-Sets together with other A23V symbol(s) and may also be allocated as single symbols alone or in addition to a C-Set.
- If several functions (e.g. functions 1, 2, and 3) are associated with the same composition (e.g. ingredients 1, 2, and 3), then all functions can be classified in one C-Set, e.g. (A23V 2002/00, function 1, function 2, function 3, ingredient 1, ingredient 2, ingredient 3).
- If less than 10 indexable components are disclosed in a single example, then all components (and possibly function(s), processes) are classified in the same C-Set.
- If 10 or more indexable components and/or mixtures are disclosed in a single example, then at least the 10 most significant ones are classified in the C-Set. A generic symbol covering a group of ingredients can also be used, e.g. A23V 2250/70 for a vitamin mixture, A23V 2250/704 for vitamin B mixture, A23V 2250/156 for a mineral mixture.
- If several functions and/or processes are disclosed in combination with different ingredients in the same document, then one C-Set for each combination should be given.
- If no example is disclosed, then C-Set(s) can be made according to dependent claims that comprise the greatest number of components in combination.

C-Sets syntax rules:

- Each C-Set contains two or more symbols.
- Duplicate symbols are not allowed in a C-Set.
- Besides the base symbol, which is always A23V 2002/00, the order of subsequent symbols in a C-Set is not relevant.

C-Sets examples:

- #A23Va: Carbon dioxide (A23V 2250/11) used as foaming agent (A23V 2200/226) is classified as (A23V 2002/00, A23V 2250/11, A23V 2200/226).
- #A23Va: A composition comprising erythritol (A23V 2250/6402) used as coating agent (A23V 2200/22) for starch (A23V 2250/5118) is classified as (A23V 2002/00, A23V 2200/22, A23V 2250/6402, A23V 2250/5118).
- #A23Va: A composition comprising xylitol (A23V 2250/6422) used as coating agent (A23V 2200/22) for starch (A23V 2250/5118) is classified as (A23V 2002/00, A23V 2200/22, A23V 2250/6422, A23V 2250/5118).
- #A23Va: Ready-to-drink milk beverages with improved texture/mouthfeel (A23V 2200/14), and having an effect on the health of the nervous system or on mental function (A23V 2200/322), comprising carrageenan (A23V 2250/5036), carboxymethylcellulose (A23V 2250/51082), microcrystalline cellulose (A23V 2250/51084), casein (A23V 2250/54246), whey protein (A23V 2250/54252) and comprising a homogenisation step (A23V 2300/26) is classified

as (A23V 2002/00, A23V 2200/14, A23V 2200/322, A23V 2250/5036, A23V 2250/51082, A23V 2250/51084, A23V 2250/54246, A23V 2250/54252, A23V 2300/26).

- #A23Va: A process of extruding (A23V 2300/16) a food product comprising probiotics (A23V 2200/3204) or prebiotics (A23V 2200/3202) in the presence of a salmon oil fatty acid (A23V 2250/1868) as carrier layer, followed by applying a coating agent (A23V 2200/22) is classified as (A23V 2002/00, A23V 2200/3204, A23V 2200/3202, A23V 2300/16, A23V 2200/22, A23V 2250/1868).
- #A23Va: A composition having an effect on the immune system (A23V 2200/324) comprising oligosaccharides (A23V 2250/282), Bifidobacterium bifidum (A23V 2400/517) and B. longum (A23V 2400/533) is classified as (A23V 2002/00, A23V 2200/324, A23V 2250/282, A23V 2400/517, A23V 2400/533).
- #A23Va: A composition having an effect on the immune system comprising probiotics (A23V 2200/3204) and having an effect on mental function (A23V 2200/322) that comprises Lactobacillus rhamnosus (A23V 2400/175) is classified as (A23V 2002/00, A23V 2200/3204, A23V 2200/322, A23V 2400/175).
- #A23Va: A composition comprising plant extracts (A23V 2250/21) and starch (A23V 2250/5118) and having effects on digestive tract health by including prebiotics (A23V 2200/3202) and probiotics (A23V 2200/3204) is classified as (A23V 2002/00, A23V 2200/3202, A23V 2200/3204, A23V 2250/5118, A23V 2250/21). Probiotics taught include Bifidobacterium longum (A23V 2400/533), B. pseudocatenulatum (A23V 2400/535) B. adolescentes (A23V 2400/513), and B. bifidum (A23V 2400/517) and are allocated as single symbols.

A23V 2400/00

Lactic or propionic acid bacteria

Definition statement

This place covers:

Indexing scheme relating to:

- Lactic or propionic acid bacteria used in foodstuffs or food preparation.

Special rules of classification

When the microorganism is of particular importance in a document, an indexing symbol from groups A23V 2400/00 – A23V 2400/623 is allocated as a single symbol. For example: A composition comprising Lactobacillus plantarum has A23V 2400/169 allocated as a single symbol.

A23V 2400/00 – A23V 2400/623 indexing symbols may also be used as subsequent symbols in C-Sets (see C-Sets rule #A23Va in A23V).