

CPC COOPERATIVE PATENT CLASSIFICATION

C CHEMISTRY; METALLURGY

(NOTES omitted)

CHEMISTRY

C12 BIOCHEMISTRY; BEER; SPIRITS; WINE; VINEGAR; MICROBIOLOGY; ENZYMOLOGY; MUTATION OR GENETIC ENGINEERING

(NOTES omitted)

C12H PASTEURISATION, STERILISATION, PRESERVATION, PURIFICATION, CLARIFICATION OR AGEING OF ALCOHOLIC BEVERAGES; METHODS FOR ALTERING THE ALCOHOL CONTENT OF FERMENTED SOLUTIONS OR ALCOHOLIC BEVERAGES (simulation ageing by flavouring [C12G 3/06](#))

NOTE

When classifying in this subclass, classification is also made in group [B01D 15/08](#) insofar as subject matter of general interest relating to chromatography is concerned.

WARNING

The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:

| | | |
|---|------------|-----------------------------|
| C12H 1/044 - C12H 1/048 | covered by | C12H 1/0408 |
| C12H 1/052 | covered by | C12H 1/0416 |
| C12H 1/056 | covered by | C12H 1/0424 |
| C12H 1/065 | covered by | C12H 1/061 |
| C12H 1/07 – C12H 1/075 | covered by | C12H 1/063 |
| C12H 1/15 | covered by | C12H 1/003 |

1/00 Pasteurisation, sterilisation, preservation, purification, clarification, or ageing of alcoholic beverages (simulating ageing by flavouring [C12G 3/06](#))

- 1/003 . {by a biochemical process}
- 1/006 . . {using bacterial cultures}
- 1/02 . combined with removal of precipitate or added materials, e.g. adsorption material
- 1/04 . . with the aid of ion-exchange material or inert clarification material, e.g. adsorption material
- 1/0408 . . . {with the aid of inorganic added material}
- 1/0416 . . . {with the aid of organic added material}
- 1/0424 {with the aid of a polymer}
- 1/0432 . . . {with the aid of ion-exchange material}
- 1/06 . . Precipitation by physical means, e.g. by irradiation, vibrations
- 1/061 . . . {Separation by centrifugation}
- 1/063 . . . {Separation by filtration}
- 1/08 . . . by heating
- 1/10 . . Precipitation by chemical means
- 1/12 . without precipitation
- 1/14 . . with non-precipitating compounds, e.g. sulfiting; Sequestration, e.g. with chelate-producing compounds
- 1/16 . . by physical means, e.g. irradiation
- 1/165 . . . {by irradiation}
- 1/18 . . . by heating
- 1/20 in containers allowing for expansion of the contents

1/22 . Ageing or ripening by storing, e.g. lagering of beer

3/00 Methods for reducing the alcohol content of fermented solutions or alcoholic beverage to obtain low alcohol or non-alcoholic beverages

WARNING

Group [C12H 3/00](#) is incomplete pending reclassification of documents from groups [C12C 12/04](#), [C12G 1/06](#), and [C12G 3/08](#). All groups listed in this Warning should be considered in order to perform a complete search.

3/02 . by evaporating

WARNING

Group [C12H 3/02](#) is incomplete pending reclassification of documents from groups [C12C 12/04](#), [C12G 1/06](#), and [C12G 3/08](#). All groups listed in this Warning should be considered in order to perform a complete search.

C12H

- 3/04 . using semi-permeable membranes

WARNING

Group [C12H 3/04](#) is incomplete pending reclassification of documents from groups [C12C 12/04](#) and [C12G 1/06](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 6/00 **Methods for increasing the alcohol content of fermented solutions or alcoholic beverages**

WARNING

Group [C12H 6/00](#) is incomplete pending reclassification of documents from group [C12G 1/06](#).

Groups [C12G 1/06](#) and [C12H 6/00](#) should be considered in order to perform a complete search.

- 6/02 . by distillation

WARNING

Group [C12H 6/02](#) is incomplete pending reclassification of documents from group [C12G 1/06](#).

Groups [C12G 1/06](#) and [C12H 6/02](#) should be considered in order to perform a complete search.

- 6/04 . by freezing

WARNING

Group [C12H 6/04](#) is incomplete pending reclassification of documents from group [C12G 1/06](#).

Groups [C12G 1/06](#) and [C12H 6/04](#) should be considered in order to perform a complete search.