SECTION C — CHEMISTRY; METALLURGY

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

C12C BREWING OF BEER (cleaning of raw materials A23N; pitching or depitching machines, cellar tools C12L; propagating yeasts C12N 1/14)

Note(s) [6]

In this subclass, it is desirable to add the indexing codes of subclass C12R.

Subclass index

RAW MATERIALS FOR PREPARING BEER.....1/00, 3/00, 5/00
PREPARATION AND TREATMENT OF WORT; FERMENTATION PROCESSES FOR BEER.....7/00, 11/00
SPECIAL BEER.....12/00
BREWING DEVICES.....13/00

1/00 Preparation of malt [1, 2006.01]
1/02 • Pretreatment of grains, e.g. washing, steeping **[1, 2006.01]**
1/027 • Germinating **[6, 2006.01]**
1/033 • • in boxes or drums **[6, 2006.01]**
1/047 • • Influencing the germination by chemical or physical means **[6, 2006.01]**
1/053 • • • by irradiation or electric treatment **[6, 2006.01]**
1/067 • Drying **[6, 2006.01]**
1/073 • • Processes or apparatus specially adapted to save or recover energy **[6, 2006.01]**
1/10 • • Drying on fixed supports **[1, 2006.01]**
1/12 • • Drying on moving supports **[1, 2006.01]**
1/125 • Continuous or semi-continuous processes for steeping, germinating or drying **[6, 2006.01]**
1/13 • • with vertical transport of the grains **[6, 2006.01]**
1/135 • • with horizontal transport of the grains **[6, 2006.01]**
1/15 • Grain or malt turning, charging or discharging apparatus **[6, 2006.01]**
1/16 • After-treatment of malt, e.g. malt cleaning, detachment of the germ **[1, 2006.01]**
1/18 • Preparation of malt extract or of special kinds of malt, e.g. caramel, black malt (malt products for use as foodstuffs A23L) **[1, 2006.01]**

3/00 Treatment of hops [1, 2006.01]
3/02 • Drying **[1, 2006.01]**
3/04 • Conserving; Storing; Packing **[1, 2006.01]**
3/06 • • Powder or pellets from hops **[6, 2006.01]**
3/08 • • Solvent extracts from hops **[6, 2006.01]**
3/10 • • • using carbon dioxide **[6, 2006.01]**
3/12 • • Isomerised products from hops **[6, 2006.01]**

5/00 Other raw materials for the preparation of beer [1, 2006.01]
5/02 • Additives for beer **[1, 2006.01]**
5/04 • • Colouring additives **[1, 2006.01]**

7/00 Preparation of wort (malt extract C12C 1/18) **[1, 2006.01]**
7/01 • Pretreatment of malt, e.g. malt grinding **[6, 2006.01]**
7/04 • Preparation or treatment of the mash **[1, 2006.01]**
7/047 • • part of the mash being unmalted cereal mash **[6, 2006.01]**
7/053 • • part of the mash being non-cereal material **[6, 2006.01]**
7/06 • • Mashing apparatus **[1, 2006.01]**
7/14 • Clarifying wort (Läuterung) **[1, 2006.01]**
7/16 • • by straining **[1, 2006.01]**
7/165 • • • in mash filters **[6, 2006.01]**
7/17 • • • in lautertuns **[6, 2006.01]**
7/175 • • by centrifuging **[6, 2006.01]**
7/20 • • Boiling the beerwort (brew kettles C12C 13/02) **[6, 2006.01]**
7/22 • • • Processes or apparatus specially adapted to save or recover energy **[6, 2006.01]**
7/24 • Clarifying beerwort between hop boiling and cooling **[6, 2006.01]**
7/26 • Cooling beerwort; Clarifying beerwort during or after the cooling **[6, 2006.01]**
7/28 • After-treatment **[6, 2006.01]**

11/00 Fermentation processes for beer [1, 2006.01]
11/02 • Pitching yeast **[1, 2006.01]**
11/06 • Acidifying the wort **[1, 2006.01]**
11/07 • Continuous fermentation **[6, 2006.01]**
11/09 • Fermentation with immobilised yeast **[6, 2006.01]**
11/11 • Post fermentation treatments, e.g. carbonation, concentration (C12H takes precedence; containers with means specially adapted for effervescing potable liquids B65D 85/73) **[6, 2006.01]**

12/00 Processes specially adapted for making special kinds of beer [6, 2006.01]
12/02 • Beer with low calorie content (C12C 12/04 takes precedence) **[6, 2006.01]**

12/04 • Beer with low alcohol content (removal of alcohol C12H 3/00) **[6, 2006.01]**

13/00 Brewing devices, not covered by a single group of C12C 1/00-C12C 12/04 [3, 6, 2006.01]

13/02 • Brew kettles **[3, 2006.01]**
13/06 • • heated with fire **[3, 2006.01]**
13/08 • • with internal heating elements **[6, 2006.01]**
13/10 • Home brew equipment **[6, 2006.01]**