Symbol	Typ	Titel
C	**Sektion**	**SECTION C — CHEMISTRY; METALLURGY**
C12	**Klasse**	**BIOCHEMISTRY; BEER; SPIRITS; WINE; VINEGAR; MICROBIOLOGY; ENZYMOLOGY; MUTATION OR GENETIC ENGINEERING**
C12C	**Unterklasse**	**BREWING OF BEER (cleaning of raw materials A23N; pitching or depitching machines, cellar tools C12L; propagating yeasts C12N 1/14; non-beverage ethanolic fermentation C12P 7/06)**
C12C 1/00	**Hauptgruppe**	**Preparation of malt**
C12C 1/02	1-Punkt Untergruppe	. Pretreatment of grains, e.g. washing, steeping
C12C 1/027	1-Punkt Untergruppe	. Germinating [6]
C12C 1/033	2-Punkt Untergruppe	. . in boxes or drums [6]
C12C 1/047	2-Punkt Untergruppe	. . Influencing the germination by chemical or physical means [6]
C12C 1/053	3-Punkt Untergruppe	. . . by irradiation or electric treatment [6]
C12C 1/067	1-Punkt Untergruppe	. Drying [6]
C12C 1/073	2-Punkt Untergruppe	. . Processes or apparatus specially adapted to save or recover energy [6]
C12C 1/10	2-Punkt Untergruppe	. . Drying on fixed supports
C12C 1/12	2-Punkt Untergruppe	. . Drying on moving supports
C12C 1/125	1-Punkt Untergruppe	. Continuous or semi-continuous processes for steeping, germinating or drying [6]
C12C 1/13	2-Punkt Untergruppe	. . with vertical transport of the grains [6]
C12C 1/135	2-Punkt Untergruppe	. . with horizontal transport of the grains [6]
C12C 1/15	1-Punkt Untergruppe	. Grain or malt turning, charging or discharging apparatus [6]
C12C 1/16	1-Punkt Untergruppe	. After-treatment of malt, e.g. malt cleaning, detachment of the germ
C12C 1/18	1-Punkt Untergruppe	. Preparation of malt extract or of special kinds of malt, e.g. caramel, black malt (malt products for use as foodstuffs A23L)
C12C 3/00	**Hauptgruppe**	**Treatment of hops**
C12C 3/02	1-Punkt Untergruppe	. Drying
C12C 3/04	1-Punkt Untergruppe	. Conserving; Storing; Packing
C12C 3/06	2-Punkt Untergruppe	. . Powder or pellets from hops [6]
C12C 3/08	2-Punkt Untergruppe	. . Solvent extracts from hops [6]
C12C 3/10	3-Punkt Untergruppe	. . . using carbon dioxide [6]
C12C 3/12	2-Punkt Untergruppe	. . Isomerised products from hops [6]
C12C 5/00	**Hauptgruppe**	**Other raw materials for the preparation of beer**
C12C 5/02	1-Punkt Untergruppe	. Additives for beer
C12C 5/04	2-Punkt Untergruppe	. . Colouring additives
C12C 7/00	**Hauptgruppe**	**Preparation of wort (malt extract C12C 1/18)**
C12C 7/01	1-Punkt Untergruppe	. Pretreatment of malt, e.g. malt grinding [6]

Symbol	Typ	Titel
C12C 7/04	1-Punkt Untergruppe	. Preparation or treatment of the mash
C12C 7/047	2-Punkt Untergruppe	. . part of the mash being unmalted cereal mash [6]
C12C 7/053	2-Punkt Untergruppe	. . part of the mash being non-cereal material [6]
C12C 7/06	2-Punkt Untergruppe	. . Mashing apparatus
C12C 7/14	1-Punkt Untergruppe	. Clarifying wort (Läuterung)
C12C 7/16	2-Punkt Untergruppe	. . by straining
C12C 7/165	3-Punkt Untergruppe	. . . in mash filters [6]
C12C 7/17	3-Punkt Untergruppe	. . . in lautertuns [6]
C12C 7/175	2-Punkt Untergruppe	. . by centrifuging [6]
C12C 7/20	2-Punkt Untergruppe	. . Boiling the beerwort (brew kettles C12C 13/02) [6]
C12C 7/22	3-Punkt Untergruppe	. . . Processes or apparatus specially adapted to save or recover energy [6]
C12C 7/24	1-Punkt Untergruppe	. Clarifying beerwort between hop boiling and cooling [6]
C12C 7/26	1-Punkt Untergruppe	. Cooling beerwort; Clarifying beerwort during or after the cooling [6]
C12C 7/28	1-Punkt Untergruppe	. After-treatment [6]
C12C 11/00	**Hauptgruppe**	**Fermentation processes for beer**
C12C 11/02	1-Punkt Untergruppe	. Pitching yeast
C12C 11/06	1-Punkt Untergruppe	. Acidifying the wort
C12C 11/07	1-Punkt Untergruppe	. Continuous fermentation [6]
C12C 11/09	1-Punkt Untergruppe	. Fermentation with immobilised yeast [6]
C12C 11/11	1-Punkt Untergruppe	. Post fermentation treatments, e.g. carbonation, concentration (C12H takes precedence; containers with means specially adapted for effervescing potable liquids B65D 85/73) [6]
C12C 12/00	**Hauptgruppe**	**Processes specially adapted for making special kinds of beer [6]**
C12C 12/02	1-Punkt Untergruppe	. Beer with low calorie content (C12C 12/04 takes precedence) [6]
C12C 12/04	1-Punkt Untergruppe	. Beer with low alcohol content (removal of alcohol C12H 3/00) [6]
C12C 13/00	**Hauptgruppe**	**Brewing devices, not covered by a single group of C12C 1/00-C12C 12/04 [3, 6]**
C12C 13/02	1-Punkt Untergruppe	. Brew kettles [3]
C12C 13/06	2-Punkt Untergruppe	. . heated with fire [3]
C12C 13/08	2-Punkt Untergruppe	. . with internal heating elements [6]
C12C 13/10	1-Punkt Untergruppe	. Home brew equipment [6]