CPC  COOPERATIVE PATENT CLASSIFICATION

C  CHEMISTRY; METALLURGY

(NOTES omitted)

CHEMISTRY

C11  ANIMAL OR VEGETABLE OILS, FATS, FATTY SUBSTANCES OR WAXES; FATTY ACIDS THEREFROM; DETERGENTS; CANDLES

C11C  FATTY ACIDS FROM FATS, OILS OR WAXES; CANDLES; FATS, OILS OR FATTY ACIDS BY CHEMICAL MODIFICATION OF FATS, OILS, OR FATTY ACIDS OBTAINED THEREFROM

WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

1/00  Preparation of fatty acids from fats, fatty oils, or waxes; Refining the fatty acids (recovery of fatty acids from waste materials C11B 13/00)
1/002  [Sources of fatty acids, e.g. natural glycerides, characterised by the nature, the quantities or the distribution of said acids]
1/005  [Splitting up mixtures of fatty acids into their constituents (processes intended for both fats and fatty acids C11B 7/00)]
1/007  [using organic solvents]
1/02  from fats or fatty oils
1/025  [by saponification and release of fatty acids]
1/04  by hydrolysis
1/045  [using enzymes or microorganisms, living or dead]
1/06  using solid catalysts
1/08  Refining
1/10  by distillation
1/103  [after or with the addition of chemicals]
1/106  [inert gases or vapors]

3/00  Fats, oils, or fatty acids by chemical modification of fats, oils, or fatty acids obtained therefrom (sulfonated fats or oils C07C 309/62; factice C08H; drying oils C09F)
3/003  [by esterification of fatty acids with alcohols (C11C 3/02 takes precedence)]
3/006  [by oxidation]
3/02  by esterification of fatty acids with glycerol
3/025  [with a stoechiometric excess of glycerol]
3/04  by esterification of fats or fatty oils
3/06  with glycerol
3/08  with fatty acids
3/10  Ester interchange
3/12  by hydrogenation
3/123  [using catalysts based principally on nickel or derivates]
3/126  [using catalysts based principally on other metals or derivates]
3/14  by isomerisation [isomerisation induced by hydrogenation C11C 3/12]

5/00  Candles
5/002  [Ingredients]
5/004  [dyes, pigments; products giving a coloured flame]
5/006  [wicks, related accessories]
5/008  [Candles characterised by their form; Composite candles, e.g. candles containing zones of different composition, inclusions, or the like]
5/02  Apparatus for preparation thereof
5/021  [by compressing solid materials in a mould without heating]
5/023  [by casting or melting in a mould]
5/025  [by dipping a wick in a melt]
5/026  [by a continuous process, e.g. by extrusion by conveying a melt together with the wick through a solidification zone]
5/028  [by shaping a preform, e.g. forming the butts, trimming]