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}