

Title (en)

Method of producing food grade quality white mineral oil.

Title (de)

Verfahren zur Herstellung von Mineral-Weissöl mit Nahrungsmittelqualität.

Title (fr)

Méthode de préparation d'huile minérale blanche de qualité alimentaire.

Publication

EP 0447092 B1 19940727 (EN)

Application

EP 91301780 A 19910304

Priority

US 49151190 A 19900312

Abstract (en)

[origin: EP0447092A1] The production of food grade quality white mineral oils from predominantly naphthenic or cycloparaffinic crude distillates heretofore have required acid treating using sulfuric acid followed by neutralization, water wash and possibly finishing step. Herein, however, three stages of hydroprocessing without any solvent extraction or acid treatment prior step are employed to produce the desired food grade quality white mineral oil having a trace of aromatic constituents therewithin. Specific steps are defined in the application in terms of the severity of the hydrogenation in the hydrotreating operation at each respective step; as well as the steps of separating gaseous constituents of the hydroprocessing product.

IPC 1-7

C10G 65/08

IPC 8 full level

C07B 61/00 (2006.01); **B01J 23/88** (2006.01); **C10G 45/44** (2006.01); **C10G 45/50** (2006.01); **C10G 45/52** (2006.01); **C10G 65/08** (2006.01)

CPC (source: EP)

C10G 65/08 (2013.01); **C10G 2400/14** (2013.01)

Citation (examination)

Hawley's Chemical Dictionary, 11th Edition, Van Nostrand Reinhold Company, (1987), page 616

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Designated contracting state (EPC)

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