

Title (en)
PROCESS FOR THE PREPARATION OF TECHNICAL WHITE OILS BY HYDROGENATION

Publication
EP 0078951 B1 19860305 (DE)

Application
EP 82109747 A 19821022

Priority
DE 3143869 A 19811105

Abstract (en)
[origin: EP0078951A1] 1. A process for the production of technical white oils from petroleum fractions which boil at from 200 to 550 degrees C, contain aromatics and nitrogen, oxygen and sulphur compounds, and may have been subjected to a solvent extraction and a solvent deparaffinization treatment, by catalytic hydrogenation in the presence of a catalyst which has been treated with sulphur and contains nickel and molybdenum, wherein the hydrogenation is carried out a pressure above 137 bars (140 atm), the ratio of gas to oil being $\geq 1.0 \text{ m}^3$ (S.T.P.) of hydrogen per kg of oil, and in the subsequent separation of the hydrogenated product a low-boiling technical white oil is removed, at temperatures above 150 degrees C, in addition to the higher-boiling fraction of the technical white oil.

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C10G 45/08

IPC 8 full level
C10G 45/08 (2006.01); **C10G 45/48** (2006.01)

CPC (source: EP)
C10G 45/48 (2013.01); **C10G 2400/14** (2013.01)

Cited by
US6099719A; US6096189A; US5976353A

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