

Title (en)

PROCESS FOR TREATING HEAVY PETROLEUM OIL RESIDS

Publication

EP 0202099 B1 19910821 (EN)

Application

EP 86303612 A 19860513

Priority

JP 10116185 A 19850513

Abstract (en)

[origin: EP0202099A2] Disclosed is a process for treating heavy petroleum oil resids to produce high yields of useful oil products therefrom. The process comprises thermally cracking the heavy petroleum oil resids under conditions more severe than visbreaking but less severe than delayed coking while simultaneously subjecting said thermally cracking oil resids to steam stripping to separate and recover cracked gases and light oil vapors. The thermally-cracked heavy fluid resid recovered from the thermal cracking step then is subjected to solvent extraction under temperature and pressure conditions in proximity of the critical point of the solvent to separate and recover heavy metal containing asphaltene-containing fractions and low metal oil products therefrom.

IPC 1-7

C10G 55/04

IPC 8 full level

C10G 9/36 (2006.01); **C10G 9/00** (2006.01); **C10G 55/04** (2006.01); **C10G 67/04** (2006.01)

CPC (source: EP KR)

C10G 21/00 (2013.01 - KR); **C10G 55/04** (2013.01 - EP); **C10G 67/04** (2013.01 - KR)

Cited by

EP0274604A1; CN112870753A; EP0272577A1; US2017067330A1; US9970282B2; EP0372652A1; CN112708436A; EP0999200A1; US6610177B2; EP0343371A1; US6545176B1; WO2022084046A1

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