

Title (en)

Process for the removal of solids from an oil and mixture useful therefor.

Title (de)

Verfahren zur Entfernung von Feststoffen aus einem Öl und bei diesem Verfahren verwendbare Gemische.

Title (fr)

Procédé d'enlèvement de solides d'une huile et mélanges utilisables dans ce procédé.

Publication

EP 0197716 A2 19861015 (EN)

Application

EP 86302284 A 19860326

Priority

US 71813585 A 19850401

Abstract (en)

A process for removing suspended solids, particularly difficultly filterable inorganic solids, from hydrocarbon oils such as those obtained as a refinery process bottom fraction from both steam and catalytic cracking units or from coal conversion processes (e.g., coal tar) by adding to the oil an agglomerating agent comprising a mixture of a water-soluble polyelectrolyte and a water-soluble demulsifier such as an oxyalkylated phenol formaldehyde resin glycol ester whereby said solids are clustered together into readily filterable agglomerates.

IPC 1-7

C10G 1/00

IPC 8 full level

C10G 1/04 (2006.01); **C10G 21/00** (2006.01); **C10G 29/00** (2006.01); **C10G 31/00** (2006.01)

CPC (source: EP)

C10G 1/045 (2013.01); **C10G 21/003** (2013.01); **C10G 29/00** (2013.01); **C10G 31/00** (2013.01)

Cited by

EP1108775A3

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

EP 0197716 A2 19861015; **EP 0197716 A3 19880824**; AU 5554586 A 19861009

DOCDB simple family (application)

EP 86302284 A 19860326; AU 5554586 A 19860326