

Title (en)
PROCESS FOR THE REMOVAL OF SOLIDS FROM AN OIL AND MIXTURE USEFUL THEREFOR

Publication
EP 0197716 A3 19880824 (EN)

Application
EP 86302284 A 19860326

Priority
US 71813585 A 19850401

Abstract (en)
[origin: EP0197716A2] 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.

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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)

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

Citation (search report)
• [AP] US 4539099 A 19850903 - MERCHANT PHILIP [US], et al
• [AD] US 4029567 A 19770614 - FARNAND JOSEPH REDMOND, et al
• [A] EP 0094745 A2 19831123 - ICI PLC [GB]
• [A] EP 0089107 A2 19830921 - ALLIED COLLOIDS LTD [GB]

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Designated contracting state (EPC)
BE DE FR GB IT NL

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

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