

Title (en)
REMOVAL OF CONTAMINANTS FROM OIL

Title (de)
ENTFERNUNG VON VERUNREINIGUNGEN AUS ÖL

Title (fr)
EXTRACTION DES CONTAMINANTS DE L'HUILE

Publication
EP 0745113 A4 19980520 (EN)

Application
EP 95911730 A 19950214

Priority
• US 9501861 W 19950214
• US 19747294 A 19940215

Abstract (en)
[origin: WO9521902A1] A process comprising combining the heavy oil still residue and propane in conduits (146) and pumping mixture through static mixer (300). The mixture is then passed through heat exchanger (301) and flows via (302) to an extraction vessel (304). The residum/oil mixture then leaves via outlet (308) and asphalt pump (309).

IPC 1-7
C10C 3/00; **C10G 21/28**

IPC 8 full level
B01D 11/00 (2006.01); **B01D 21/01** (2006.01); **C10C 3/00** (2006.01); **C10G 21/06** (2006.01); **C10G 21/14** (2006.01); **C10G 21/28** (2006.01); **C10G 53/04** (2006.01); **C10M 175/00** (2006.01); **C10M 175/02** (2006.01)

CPC (source: EP)
C10G 21/28 (2013.01); **C10M 175/00** (2013.01)

Citation (search report)
• [A] US 4354928 A 19821019 - AUDEH COSTANDI A, et al
• [A] US 4169044 A 19790925 - CROWLEY RALPH P
• [DA] EP 0298610 A2 19890111 - STANDARD OIL CO OHIO [US]
• See references of WO 9521902A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9521902 A1 19950817; AU 1919195 A 19950829; AU 700298 B2 19981224; BR 9506794 A 19970916; CA 2183433 A1 19950817; CN 1143383 A 19970219; CO 4410379 A1 19970109; EG 20462 A 19990531; EP 0745113 A1 19961204; EP 0745113 A4 19980520; GB 9408609 D0 19940622; IL 112623 A0 19950526; IL 112623 A 19990312; JP H10500147 A 19980106; MX 9603425 A 19971231; RU 2140433 C1 19991027; TW 265271 B 19951211; ZA 951225 B 19951018

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