Europäisches Patentamt

European Patent Office

Office européen des brevets



(11) **EP 0 693 544 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: 08.05.1996 Bulletin 1996/19

(43) Date of publication A2: 24.01.1996 Bulletin 1996/04

(21) Application number: 95110952.9

(22) Date of filing: 13.07.1995

(51) Int. Cl.⁶: **C10G 33/06**, C10G 31/10, C10G 53/02

(84) Designated Contracting States:
BE DE DK ES FR GB NL

(30) Priority: 20.07.1994 IT MI941513

(71) Applicant: ARCOLA PETROLIFERA S.p.A. I-09018 Sarroch (CA) (IT)

(72) Inventors:

Marano, Danilo,
 c/o Arcola Petrolifera S.P.A.
 I-19021 Arcola SP (IT)

Fantin, Gian Paolo,
 c/o Arcola Petrolifera S.P.A.
 I-19021 Arcola SP (IT)

(74) Representative: Trupiano, Roberto BREVETTI EUROPA S.r.I. Piazza Bernini, 6 I-20133 Milano (MI) (IT)

(54) Process for the treatment and the recovery of crudes

(57) A process for the treatment of fillers and/or crudes with high content of water, salts and sediments, such as slop-oil and the like, consisting in heating slop-oil at temperatures not above 100°C and in centrifugating the so heated slop-oil, obtaining a purified slop-oil to be directly submitted to distillation, of a sludge and a phase constituted by water, which aqueous phase may be sub-

mitted in its turn to centrifugation on prior heating at temperatures not above 100°C, to recover possible oil residues before being disposed of.

Said centrifugations are preferably realized with vertical axis centrifuges.

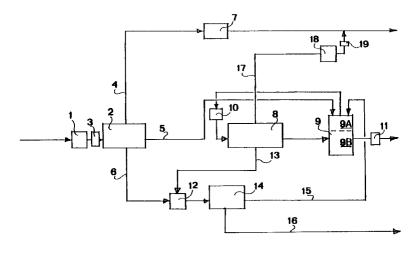


fig.1



EUROPEAN SEARCH REPORT

Application Number EP 95 11 0952

ategory	Citation of document with indi of relevant passa		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
4	US-A-4 990 237 (HEUEF * claims 1-15 *	R ET AL)	1	C10G33/06 C10G31/10
4	US-A-5 269 906 (REYNO 14 December 1993 * claims 1-30 *	OLDS VICTOR R ET AL)	1	C10G53/02
4	DE-C-42 05 885 (MEIN	(EN)		
				TECHNICAL FIELDS
				SEARCHED (Int.Cl.6)
	The present search report has been	n drawn up for all claims		
	Place of search	Date of completion of the search		Examiner
THE HAGUE		14 March 1996	De	Herdt, 0
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category		E : earlier palent after the filing er D : document cite	T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons	