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71 Applicant: **TOYO ENGINEERING CORPORATION**
2-5, Kasumigaseki 3-chome
Chiyoda-ku, Tokyo 100(JP)

71 Applicant: **MITSUI COKE CO., LTD.**
No. 1-1, Nihonbashimuromachi 2-chome
Chiyoda-ku Tokyo(JP)

71 Applicant: **KERR-MCGEE CORPORATION**
Kerr-McGee Center
Oklahoma City Oklahoma 73125(US)

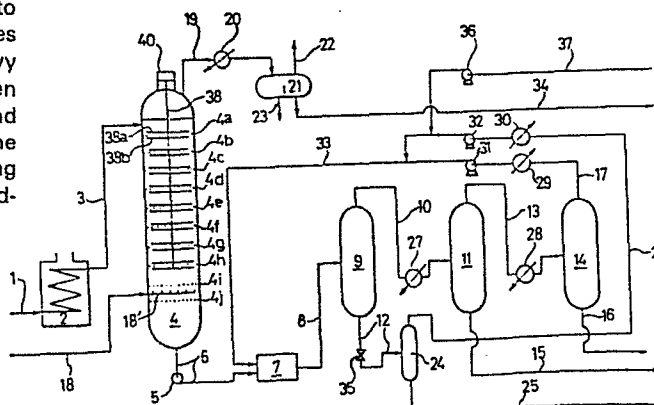
72 Inventor: **Washimi, Koichi**
6-26-1, Todoroki
Setagaya-ku Tokyo(JP)

72 Inventor: **Ishizuka, Masahide**
4-32-2, Mitsuwadai
Chiba-shi Chiba-ken(JP)

74 Representative: **Hughes, Brian Patrick et al,**
Graham Watt & Co. Riverhead
Sevenoaks, Kent TN13 2BN(GB)

54 **Process for treating heavy petroleum oil resids.**

57 Disclosed is a process for treating heavy petroleum oil resids to produce high yields of useful oil products therefrom. The process comprises thermally cracking (4) the heavy petroleum oil resids (1) under conditions more severe than visbreaking but less severe than delayed coking while simultaneously subjecting said thermally cracking oil resids to steam stripping (18) to separate and recover cracked gases (22) and light oil vapors (34). The thermally-cracked heavy fluid resid (6) recovered from the thermal cracking step then is subjected to solvent extraction (7) under temperature and pressure conditions in proximity of the critical point of the solvent to separate and recover heavy metal containing asphaltene- containing fractions (25) and low metal oil products therefrom (16).





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EUROPEAN SEARCH REPORT

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EP 86 30 3612

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
D,Y	US-A-4 435 276 (MATSUMIYA et al.) * Figure; claims 1-10 * ---	1-9	C 10 G 55/04
Y	GB-A-2 138 840 (FUJI) * Figure; claims 1-7 * ---	1-9	
D,Y	US-A-4 239 616 (GEARHART) * Figures; claims * ---	2,3,7-9	
Y	US-A-4 290 880 (LEONARD) * Figures; claims * ---	2,3,7-9	
P,X	EP-A-0 166 604 (FUJI) * Figure; claims 1,6,7; page 7, line 33 - page 8, line 7 * -----	1-9	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			C 10 G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 17-11-1987	Examiner MICHIELS P.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		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 & : member of the same patent family, corresponding document	