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(11) **EP 0 683 218 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
20.03.1996 Bulletin 1996/12

(51) Int Cl.⁶: **C10G 67/04**

(43) Date of publication A2:
22.11.1995 Bulletin 1995/47

(21) Application number: **95201314.2**

(22) Date of filing: **18.05.1995**

(84) Designated Contracting States:
DE FR GB IT NL

(30) Priority: **19.05.1994 EP 94201423**

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(54) **Process for the conversion of a residual hydrocarbon oil**

(57) Process for the conversion of a residual hydrocarbon oil, preferably a vacuum hydrocarbon oil residue, comprising the following steps:

(a) deasphalting the residual hydrocarbon oil producing an asphaltic fraction and a deasphalted oil (DAO);

(b) passing the DAO through a bed of a hydrodemetallisation catalyst in the presence of hydrogen under demetallising conditions, producing an upgraded DAO; and

(c) blending the upgraded DAO with one or more flashed distillate fractions and subjecting the resulting blend stream to hydrocracking, producing one or more distillate fractions.

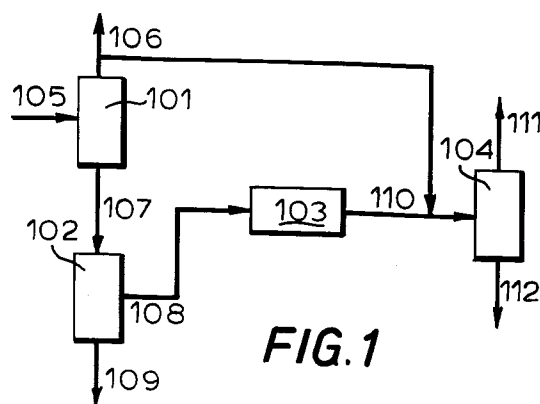


FIG.1

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EUROPEAN SEARCH REPORT

Application Number
EP 95 20 1314

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.6)
Y	FR-A-1 423 627 (IFP) * the whole document * ---	1-8	C10G67/04
Y	US-A-4 165 274 (SHELL OIL) * the whole document * ---	1-6,8	
Y	DE-A-18 16 828 (SHELL) * page 9, line 20 - page 14, line 12; claims 1-7; figure 1 * -----	7	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			C10G
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		25 January 1996	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			

EPO FORM 1501 03.92 (P04C01)