



(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
04.02.1998 Bulletin 1998/06

(51) Int. Cl.⁶: C10G 25/00

(43) Date of publication A2:
15.10.1997 Bulletin 1997/42

(21) Application number: 97102440.1

(22) Date of filing: 14.02.1997

(84) Designated Contracting States:
DE NL

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(30) Priority: 15.02.1996 JP 52282/96
15.02.1996 JP 52289/96

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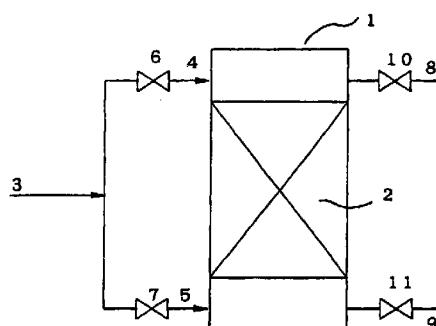
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(54) Process for eliminating mercury from liquid hydrocarbons

(57) The present invention provides a process for eliminating mercury and mercury compounds from liquid hydrocarbons in a naphthametal elimination process having an adsorption treatment zone provided with a packed layer of mercury adsorbent, comprising the steps of:

- introducing the mercury-containing liquid hydrocarbon into the adsorption treatment zone;
- contacting the mercury-containing liquid hydrocarbon with the packed layer of mercury adsorbent in the adsorption treatment zone at a temperature of 10°C to 200°C and a LV value of 1 cm/min to 100 cm/min; and
- removing treated liquid hydrocarbon from the adsorption treatment zone.

FIGURE 1





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 97 10 2440

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	WO 91 15559 A (EXXON CHEMICAL PATENTS INC) 17 October 1991	1,4	C10G25/00
A	* claims 1,26,28,29 * * page 12, line 27 - page 13, line 14 * ---	1,4,9	
A	US 5 107 060 A (YAN TSOUNG Y) 21 April 1992 * claims 1,11,13 * ---	1,6	
A	FR 2 673 191 A (INSTITUT FRANCAIS DU PETROLE) * claims 1,6 * * page 7, line 24 - page 8, line 9 * -----	1,4,6,8	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			C10G
<p>The present search report has been drawn up for all claims</p>			
Place of search THE HAGUE	Date of completion of the search 17 December 1997	Examiner De Herdt, 0	
CATEGORY OF CITED DOCUMENTS		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	
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			