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Catalytic dewaxing process.

57 An improved method which provides for an extended cycle length in catalytic lube dewaxing and easier catalyst regeneration. The method may incorporate catalytically dewaxing a feedstock in a fixed bed reactor with or without product recycle, or a series of reactors with inter-reactor separation of vapors from liquids. Improved performance is achieved by operating the reactor at a temperature between 260 to 316°C (500 to 600°F), a space velocity between 0.1 and 10 and employing a high activity crystalline zeolite catalyst having an alpha value from 50 to 900 based on the zeolite. This relatively low temperature operation allows catalyst performance to be restored by simple hydrogen reactivation.

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EP 86 30 2486

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)
E	EP-A-0 181 066 (MOBIL OIL CORP.) (Pub. 14-05-1986, Prior. 29-10-1984) * Claim 1; figure 4; column 6, lines 6-23 *	1-3	C 10 G 45/64
D,A	US-A-3 956 102 (CHEN et al.) * Claim 1 *	1,2	
			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 02-05-1988	Examiner DE HERDT O.C.E.
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			