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(54) **Process for upgrading petroleum fractions containing olefins and aromatics**

(57) A petroleum fraction, for example catalytic gasoline, containing aromatics and olefins, is upgraded by contacting the fraction with a solid catalyst under con-

ditions to alkylate aromatics in the fraction with olefins in the fraction. The process reduces the olefin content and decreases the octane number sensitivity of the fraction. Benzene content may also be reduced.

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EUROPEAN SEARCH REPORT

Application Number
EP 96 30 9049

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)
X	WO 94 20437 A (MOBIL OIL CORP) * claims 11-17 *	1,3-10	C10G50/00 C10G35/04 C10G29/20
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Y	US 4 795 550 A (SACHTLER J W ADRIAAN ET AL) * claims 1-7 *	2	
A	US 5 347 061 A (HARANDI MOHSEN N ET AL) * the whole document *	1-10	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			C10G
Place of search		Date of completion of the search	Examiner
THE HAGUE		26 January 1998	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			

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