

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C10G 45/52, 45/54	A1	(11) International Publication Number: WO 95/28459 (43) International Publication Date: 26 October 1995 (26.10.95)
(21) International Application Number: PCT/US95/03530 (22) International Filing Date: 21 March 1995 (21.03.95) (30) Priority Data: 08/227,824 14 April 1994 (14.04.94) US (71) Applicant: MOBIL OIL CORPORATION [US/US]; 3225 Gallows Road, Fairfax, VA 22037 (US). (72) Inventors: DEL ROSSI, Kenneth, Joseph; 8 La Tour Court, Woodbury, NJ 08096 (US). JABLONSKI, Gregory, Alfred; 1395 Heller Drive, Yardley, PA 19067 (US). MARLER, David, Owen; 801 Cooper Street #272B, Deptford, NJ 08096 (US). (74) Agents: SINNOTT, Jessica, M. et al.; Mobil Oil Corporation, 3225 Gallows Road, Fairfax, VA 22037 (US).		(81) Designated States: AU, CA, JP, KR, SG, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> 89 9611332-9 RTMP's copy
(54) Title: PROCESS FOR CETANE IMPROVEMENT OF DISTILLATE FRACTIONS (57) Abstract There is provided a process for increasing the Cetane Index of a distillate fraction by reacting the fraction with hydrogen over a catalyst comprising a hydrogenation component, such as platinum, and steamed zeolite Beta. The process results in the selective ring opening of cyclic compounds, such as aromatics, with a minimum of cracking of paraffinic hydrocarbons.		

FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AT	Austria	GB	United Kingdom	MR	Mauritania
AU	Australia	GE	Georgia	MW	Malawi
BB	Barbados	GN	Guinea	NE	Niger
BE	Belgium	GR	Greece	NL	Netherlands
BF	Burkina Faso	HU	Hungary	NO	Norway
BG	Bulgaria	IE	Ireland	NZ	New Zealand
BJ	Benin	IT	Italy	PL	Poland
BR	Brazil	JP	Japan	PT	Portugal
BY	Belarus	KE	Kenya	RO	Romania
CA	Canada	KG	Kyrgyzstan	RU	Russian Federation
CF	Central African Republic	KP	Democratic People's Republic of Korea	SD	Sudan
CG	Congo	KR	Republic of Korea	SE	Sweden
CH	Switzerland	KZ	Kazakhstan	SI	Slovenia
CI	Côte d'Ivoire	LI	Liechtenstein	SK	Slovakia
CM	Cameroon	LK	Sri Lanka	SN	Senegal
CN	China	LU	Luxembourg	TD	Chad
CS	Czechoslovakia	LV	Latvia	TG	Togo
CZ	Czech Republic	MC	Monaco	TJ	Tajikistan
DE	Germany	MD	Republic of Moldova	TT	Trinidad and Tobago
DK	Denmark	MG	Madagascar	UA	Ukraine
ES	Spain	ML	Mali	US	United States of America
FI	Finland	MN	Mongolia	UZ	Uzbekistan
FR	France			VN	Viet Nam
GA	Gabon				