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(54) Title: A CATALYST SYSTEM AND ITS USE IN MANUFACTURING LOW SULFUR FUELS

(57) Abstract: The instant invention relates to a catalyst system and its use in the production of high octane, low sulfur naphtha products through skeletal isomerization of feed olefins and hydrotreating with the optional removal of basic nitrogen-containing compounds.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B01J29/70 B01J23/882 B01J35/10 C10G45/08 C10G45/64
C10G65/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B01J C10G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 298 150 A (FLETCHER ET AL) 29 March 1994 (1994-03-29) cited in the application examples; table 5	1-26
X	US 5 510 016 A (HILBERT ET AL) 23 April 1996 (1996-04-23) cited in the application column 8, line 31 - line 34; examples	1-26
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A	US 5 075 269 A (DEGNAN ET AL) 24 December 1991 (1991-12-24) the whole document	1-26

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
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Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Schoofs, B

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