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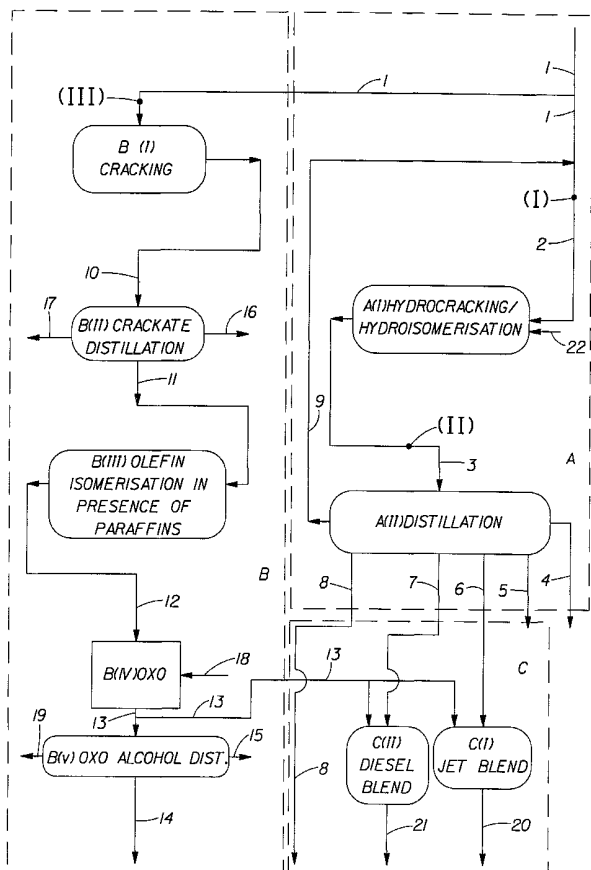
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[Continued on next page]

(54) Title: SYNTHETIC JET FUEL AND DIESEL FUEL COMPOSITIONS AND PROCESSES

(57) Abstract: Novel clean fuels comprising selected nonlinear long chain saturated primary monohydric/dihydric alcohols and mixtures thereof; novel diols; and processes for making clean synthetic jet fuels and/or clean synthetic diesel fuels as well as processes for making clean synthetic jet fuels and/or clean synthetic diesel fuels concurrently with making nonlinear alcohols for use by the detergent industry.



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Published:

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- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/04693

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C10L1/02

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 C10L

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 277 345 A (BASF AG) 10 August 1988 (1988-08-10) claim 1; example 2 ---	1
X	US 5 324 335 A (YAKOBSON DENNIS L ET AL) 28 June 1994 (1994-06-28) column 15, line 33 -column 16, line 47; claim 1 ---	1
X	US 4 658 068 A (HANIN JEAN A A) 14 April 1987 (1987-04-14) column 3, line 63 - line 66; claim 1 --- -/--	1

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

6 June 2002

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97 01521 A (SASTECH PTY LTD ;SASOL CHEMICALS EUROP LTD (GB); BETTS MARK JUSTIN) 16 January 1997 (1997-01-16) cited in the application page 31, line 29 -page 32, line 4; example 11 -----	1

INTERNATIONAL SEARCH REPORT

International Application No. PCT/US 01 04693

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 1-39

In view of the wording of claims 1-38 presently on file, which render it difficult, if not impossible, to determine the matter for which protection is sought, the present application fails to comply with the clarity and conciseness requirements of Article 6 PCT (see also Rule 6.1(a) PCT) to such an extent that a meaningful search is impossible. In particular, it is noted that the independent claims cover a large number of different fuels due to the type of claim drafting applied.

Consequently, the search has been carried out for those parts of the application which do appear to be clear and concise, namely following claim:

a fuel composition for internal combustion engines said fuel composition comprising:

- (a) at least 5% weight of fuel hydrocarbons and
- (b) at least 10 ppm weight of nonlinear primary aliphatic alcohols.

Present claim 39 relates to an extremely large number of possible compounds. Neither support within the meaning of Article 6 PCT nor disclosure within the meaning of Article 5 PCT is to be found for any of the compounds claimed. A meaningful search for claim 39 is therefore impossible. Nevertheless, the use of the diols of claim 39 has been searched in the context of the searched claim mentioned above.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

INTERNATIONAL SEARCH REPORT

Information on patent family members

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