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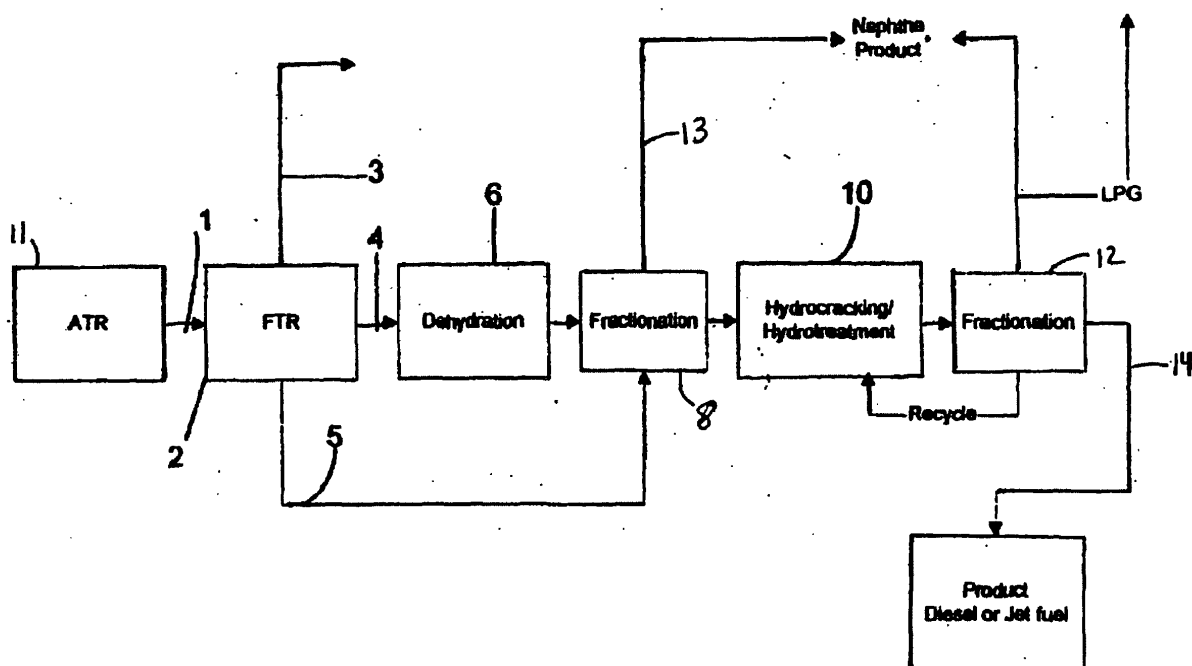
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(54) **Synthetic transportation fuel and method for its production**

(57) A transportation fuel or blending stock for a transportation fuel which contains substantially no FT oxygenates and no sulfur is provided. An economical

method of producing a transportation fuel or blending stock which eliminates oxygenates and which does not cause any significant yield loss is also provided.

Fig. 1:





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EUROPEAN SEARCH REPORT

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EP 04 00 4989

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.7)
X	US 2001/004971 A1 (BERLOWITZ PAUL JOSEPH ET AL) 28 June 2001 (2001-06-28) * paragraphs [0018], [0021]; claim 1 *	1-6, 13-18	C10L1/08
X	US 6 455 474 B1 (MART CHARLES JOHN ET AL) 24 September 2002 (2002-09-24) * claim 1; table 3 *	1-6, 13-18	
X	US 6 525 233 B1 (CONNOR DANIEL STEDMAN ET AL) 25 February 2003 (2003-02-25) * column 18, line 30 - column 23, line 36; claim 1 *	1-6, 13-18	
X	US 6 252 127 B1 (KUPRATHIPANJA SANTI) 26 June 2001 (2001-06-26) * claim 1 *	1-6, 13-18	
-----			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			C10L C10G C07C

-The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		21 June 2004	Deurinck, P
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p> <p>& : member of the same patent family, corresponding document</p>			

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1-6, 13-18



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LACK OF UNITY OF INVENTION
SHEET B

Application Number
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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-6, 13-18

a hydrocarbon mixture

2. claims: 7-12, 19-25, 30-33

a process for producing a synthetic fuel

3. claims: 26-29

a synthetic transportation fuel comprising a middle
distillate fraction

4. claims: 34, 36

a synthetic transportation fuel having a certain lubricity

5. claim: 35

a synthetic transportation fuel having a certain stability
of total insolubles

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 00 4989

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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21-06-2004

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82