



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

(88) Date of publication of the international search report:
3 April 2008

INTERNATIONAL SEARCH REPORT

International application No
PCT/GB2007/002975

A. CLASSIFICATION OF SUBJECT MATTER INV. C10B53/02 C10C5/00 C10L1/02 C10L1/18		
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) C10B C10C 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, WPI Data, COMPENDEX		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	OASMAA ANJA ET AL: "Fast pyrolysis of forestry residue and pine. 4. Improvement of the product quality by solvent addition" ENERGY AND FUELS, vol. 18, no. 5, September 2004 (2004-09), pages 1578-1583, XP002456817 Experimental Section page 1579 Results and Discussion pages 1580-1583 Conclusions page 1583 figure 2 table 1	1-6,8-14
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.		
<input type="checkbox"/> See patent family 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 29 October 2007		Date of mailing of the international search report 01/02/2008
Name and mailing address of the ISA/ 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		Authorized officer Zuurdeeg, Boudewijn

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International application No
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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	BOUCHER M E ET AL: "Bio-oils obtained by vacuum pyrolysis of softwood bark as a liquid fuel for gas turbines. Part II: stability and ageing of bio-oil and its blends with methanol and a pyrolytic aqueous phase" BIOMASS BIOENERGY; BIOMASS AND BIOENERGY 2000 ELSEVIER SCIENCE LTD, EXETER, ENGL, vol. 19, no. 5, 2000, pages 351-361, XP002456818 Paragraphs 2.1-2.3, 2.5, 3.3.1 -----	1-6,8-14
X	OASMAA, ANJA; PEACOCKE, CORDNER: "A guide to physical property characterisation of biomass-derived fast pyrolysis liquids" VTT PUBLICATIONS, [Online] no. 450, December 2001 (2001-12), XP007903206 ISBN: 951-38-6365-4 Retrieved from the Internet: URL: http://www.vtt.fi/inf/pdf/publications/2001/P450.pdf [retrieved on 2007-10-08] figure 9 pages B5,D5 Chapter 2, 4; Paragraph 7.2, 7.3 -----	1-6,8-14
X	BRIDGWATER A.V. (ED.) (ET AL.): "FAST PYROLYSIS OF BIOMASS: A HANDBOOK. Volume 2" 2002, CPL PRESS , NEWBURY; GB , XP002456819 ISBN: 1-872691-47-1 pages 274-282 pages 284-287 -----	1-6,8-14

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Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable claims.
2. As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-6, 8-13 (in part), 14

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/SA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-6, 8-13 (in part), 14

A process for pyrolysis of biomass

2. claims: 7, 8-13 (in part)

A process for pyrolysis of biomass
