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(54) Title: ELECTRO-MAGNETIC TREATMENT OF A MODIFIED BIOMASS

(57) Abstract: A process is disclosed for making a biomass susceptible to depolymerization or liquefaction under mild conditions. The process comprises introducing into the biomass a material susceptible to the absorption of electro-magnetic radiation to form a radiation absorbent biomass. The radiation absorbent biomass is subjected to electro-magnetic radiation to form an activated biomass.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

INV. B01J19/12 C10G3/00 C10G15/08 C11C3/00

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)

C10G B01J C11C

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/074760 A1 (PORTNOFF MARC A [US] ET AL) 22 April 2004 (2004-04-22) example 3 the whole document	1-30
X	US 2005/274065 A1 (PORTNOFF MARC A [US] ET AL) 15 December 2005 (2005-12-15) example 13 the whole document	1-30
X	EP 1 256 565 A (HOCHSCHULE ZITTAU GOERLITZ [DE]) 13 November 2002 (2002-11-13) examples 1-4	1-30
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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