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(71) Applicant (for all designated States except US): **GOOD EARTH POWER CORPORATION** [US/US]; P.O. Box 22447, Lake Buena Vista, FL 32830 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CASTALDI, Marco, J.** [US/US]; 28 Nile Street, Yonkers, NY 10704 (US). **DOOHER, John** [US/US]; 177 Weyford Terrace, Garden City, NY 11530 (US).

(74) Agents: **MCGLYNN, John, E.** et al.; Woodcock Washburn LLP, Cira Centre, 12th Floor, 2929 Arch Street, Philadelphia, PA 19104-2891 (US).

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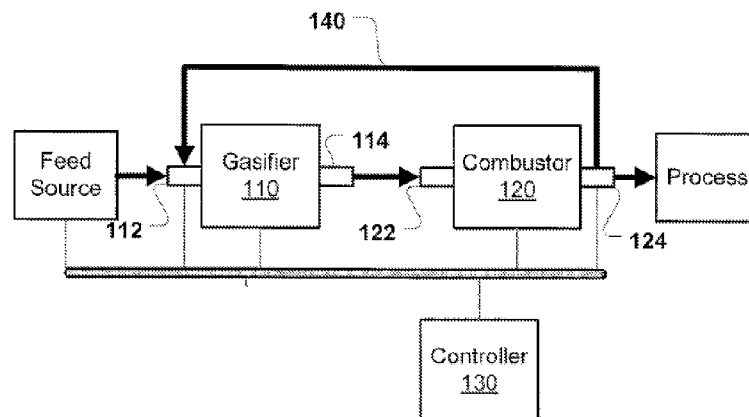


Figure 1

(57) Abstract: Provided are devices and related methods for enhanced gasification of carbonaceous material in which supplemental carbon dioxide is introduced to the gasifier. The gasified carbonaceous material can then be used as a syngas or further processed into hydrocarbon form. The hydrocarbon can then be used in a fuel cell to produce electrical power or used in a traditional combustion process.



INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER

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ADD.

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)

C10J

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

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X	WO 2007/042562 A1 (SHELL INT RESEARCH [NL]; VAN DEN BERG ROBERT ERWIN [NL]; VAN MONTFORT) 19 April 2007 (2007-04-19) figure 1 page 6, lines 2-9	1-33, 55-58
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European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040,
Fax: (+31-70) 340-3016

Authorized officer

Lachmann, Richard

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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