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**Declarations under Rule 4.17:**

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

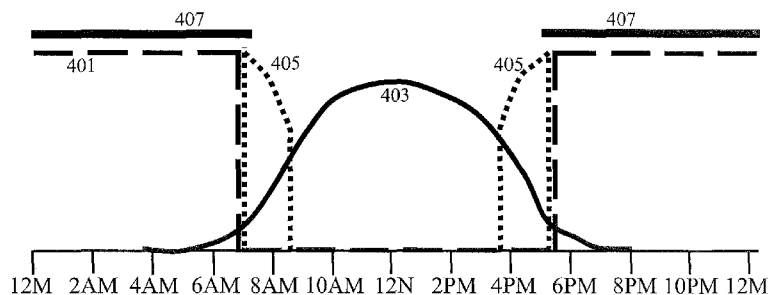
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(54) Title: HYBRID FOSSIL FUEL AND SOLAR HEATED SUPERCRITICAL CARBON DIOXIDE POWER GENERATING SYSTEM AND METHOD



(57) Abstract: The present disclosure provides an integrated power generating system and method that combines combustion power generation with solar heating. Specifically, a closed cycle combustion system utilizing a carbon dioxide working fluid can be increased in efficiency by passing at least a portion of a carbon dioxide working fluid through a solar heater prior to passage through a combustor.

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**INTERNATIONAL SEARCH REPORT**

International application No  
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A. CLASSIFICATION OF SUBJECT MATTER  
INV. F03G6/06  
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)  
F03G  
  
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 practicable, search terms used)  
EPO-Internal, PAJ, 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 2011/127773 A1 (FREUND SEBASTIAN WALTER [DE] ET AL) 2 June 2011 (2011-06-02) abstract figures 1,2 paragraphs [0015] - [0016] -----	1-36
X	US 2011/233940 A1 (AOYAMA KUNIAKI [JP] ET AL) 29 September 2011 (2011-09-29) abstract figure 3 paragraph [0044] -----	1-36
A	US 2011/239651 A1 (AOYAMA KUNIAKI [JP] ET AL) 6 October 2011 (2011-10-06) abstract -----	1-36
A	WO 95/12757 A1 (MIDWEST RESEARCH INST [US]) 11 May 1995 (1995-05-11) the whole document -----	1-36

Further documents are listed in the continuation of Box C.

See patent family annex.

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- "&" document member of the same patent family

Date of the actual completion of the international search

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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