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(54) Title: MULTI-MODULAR POWER PLANT WITH OFF-GRID POWER SOURCE

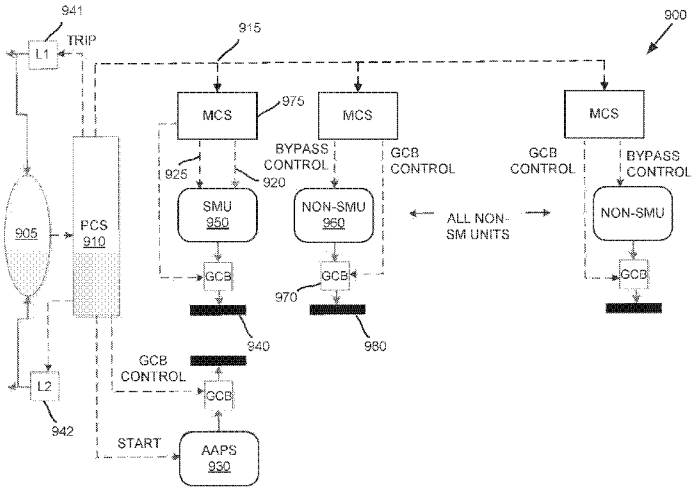


FIG. 9

(57) Abstract: A multi-modular power plant may include a plurality of on-site nuclear power modules configured to generate a power plant output, wherein one or more of the nuclear power modules may be designated as service module units which are configured to generate a first portion of the power plant output. A remainder of the nuclear power modules may be configured to generate a second portion of the power plant output. A number of power plant systems may be configured to operate using electricity associated with a house load of the power plant, wherein the first portion of the power plant output is equal to or greater than the house load. Additionally, a switchyard may be configured to electrically connect the power plant to a distributed electrical grid. The distributed electrical grid may be configured to service a plurality of geographically distributed consumers, and the switchyard may be configured to apply the second portion of the power plant output to the distributed electrical grid. The switchyard may further be configured to apply at least part of the first portion of the power plant output to the power plant systems during a loss of power from the distributed electrical grid.

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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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)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2013/272471 A1 (GRAHAM THOMAS G [US]) 17 October 2013 (2013-10-17)	1,2, 5-11, 13-19
A	abstract figures paragraphs [0022] - [0034]	3,4,12, 20

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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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A	WO 2014/113611 A1 (CRAWFORD RENEWABLE ENERGY SOLUTIONS LLC [US]) 24 July 2014 (2014-07-24) abstract figures paragraphs [0002] - [0003] paragraph [0005] paragraphs [0015], [0016], [0017] paragraphs [0019] - [0020], [0022] paragraphs [0032], [0033], [0034] paragraph [0038] paragraphs [0025] - [0027] -----	1-20
A	US 4 302 291 A (SEVERS STEPHEN B ET AL) 24 November 1981 (1981-11-24) abstract figures the whole document -----	1-20

INTERNATIONAL SEARCH REPORT

Information on patent family members

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