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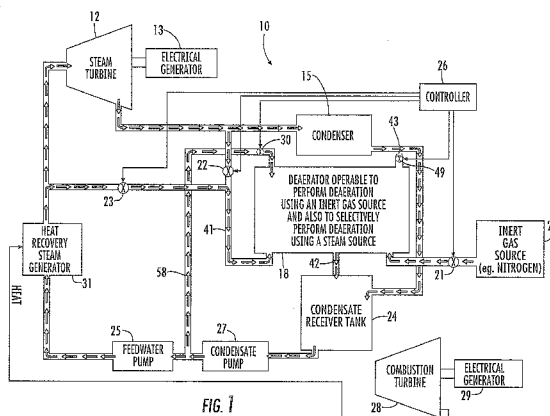
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(54) **Title:** POWER GENERATION PLANT HAVING INERT GAS DEAERATOR AND ASSOCIATED METHODS



- (57) **Abstract:** A power generation plant (10) includes a steam turbine (12) and an electrical generator (13) driven thereby. A condenser (15) is downstream from the steam turbine. Moreover, the power generation plant includes a steam source (31) and an inert gas source (20). A deaerator (18) downstream from the condenser and is operable to perform deaeration using the inert gas source and is also selectively operable to perform deaeration using the steam source.

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2010/020605

A. CLASSIFICATION OF SUBJECT MATTER
INV. F01K23/10 B01D19/00
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)
B01D F01K F22D

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 5 921 085 A (KAWANO SHUNJI [JP]) 13 July 1999 (1999-07-13) cited in the application	1,2,6, 13-16, 18-20
Y	column 3, line 16 - column 4, line 50 column 7, line 26 - column 10, line 32; figures	3,4, 7-12,17
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X	US 2006/118064 A1 (ISTRE KEN M [US] ET AL) 8 June 2006 (2006-06-08)	1,2,9, 13-15
A	paragraphs [0006], [0009], [0015], [0018] - [0020], [0025], [0029]; figures	10,11
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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International application No

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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INTERNATIONAL SEARCH REPORT

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International application No

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