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(54) Title: METHOD FOR DETERMINATION OF CARBON DIOXIDE EMISSIONS FROM STEAM GENERATION SYSTEMS

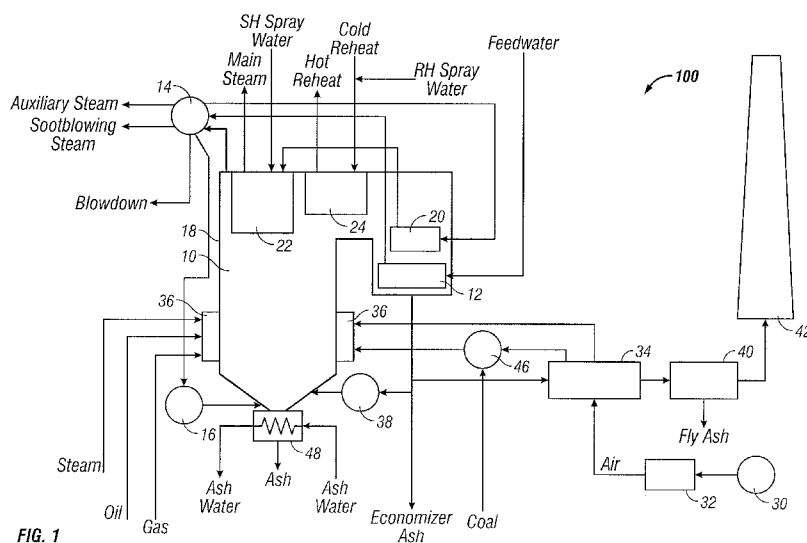


FIG. 1

(57) Abstract: A method for determining carbon emissions from a steam generation system (100) is disclosed. It includes measuring a first energy of feedwater entering into a steam generation system (100) and measuring a second energy of steam exiting the steam generation system (100). The first energy is subtracted from the second energy to determine a total energy absorbed by the steam generation system (100). The total energy absorbed by the steam generation system (100) is divided by the total energy to determine a heat input to the steam generation system (100). The heat input is used to determine the carbon emissions from the steam generation system (100).

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2010/035733

A. CLASSIFICATION OF SUBJECT MATTER
INV. F22B37/38
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)
F22B

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)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2007/184556 A1 (WANG ZHEN [CN]) 9 August 2007 (2007-08-09)	1-5,7, 9-32
Y	paragraphs [0001] - [0224]; claims 1-3,11,12	6
X	----- Prabir Basu ET AL: "Boilers and Burners - Design and Theory" In: "Boilers and Burners - Design and Theory", 1 January 2000 (2000-01-01), Springer, New York Berlin Heidelberg, XP55005395, ISBN: 978-0-38-798703-3	8,25
Y	pages 21-51, page 21 - page 51 -----	6

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2007184556 A1	09-08-2007	WO 2005083447 A1 CN 1603833 A	09-09-2005 06-04-2005
