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[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR PRODUCING FUEL GAS FROM BIOMASS

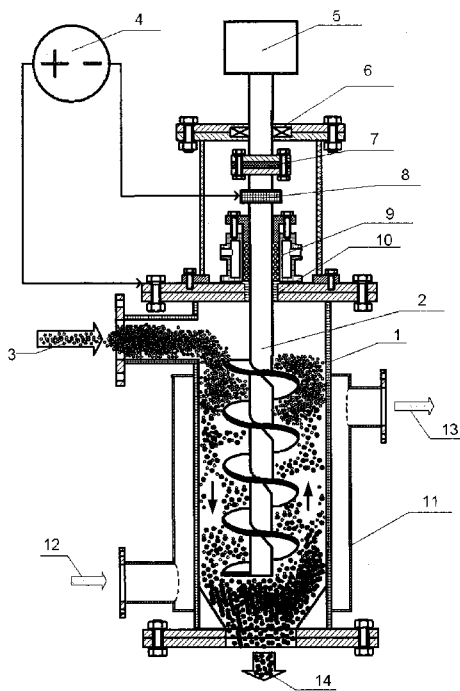


Figure 1

(57) Abstract: A pyrolytic reactor for biomass processing is disclosed that comprises a vertical cylindrical body having an input in an upper portion and an output in a bottom portion and a revolving mixer provided within the vertical cylindrical body. The revolving mixer is capable of rotating in an upwardly direction so as to allow efficient mixing. The reactor is provided with conductive particles while electricity supply connected to the reactor pass current through the conductive particles. The pyrolytic reactor is further connected to a gasifier.



(BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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A. CLASSIFICATION OF SUBJECT MATTER

INV. B01J8/10 C10B19/00 C10B47/44 C10B49/16 C10J3/26
C10J3/66

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)
B01J C10B 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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Y	column 1, lines 7-20 column 2, line 31 - column 4, line 3 figure 1	15, 16
X	US 3 384 467 A (AMMANN PAUL R ET AL) 21 May 1968 (1968-05-21)	1-14
Y	column 2, lines 10-14 column 2, line 60 - column 3, line 35 figure 1	
Y	WO 89/12086 A (GREUL ARTUR RICHARD [DE]) 14 December 1989 (1989-12-14)	15, 16
	page 2, 3rd paragraph pages 4-6 figures 1, 2	
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Further documents are listed in the continuation of Box C.

See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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INTERNATIONAL SEARCH REPORT

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