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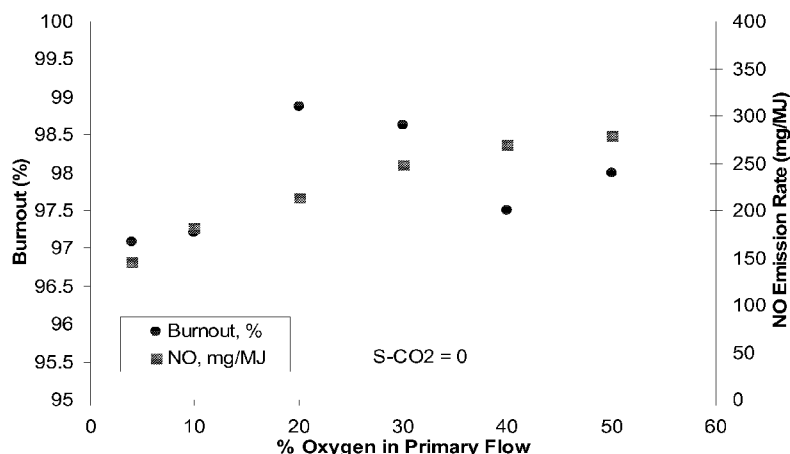


FIG 2

(57) Abstract: Solid particulate fuels are combusted with a primary oxidant stream of industrially pure oxygen and a secondary oxidant stream of industrially pure oxygen optionally mixed with a portion of recycled flue gas. The fuel is conveyed with a carrier gas of air or recycled flue gas. An oxygen concentration out of the total amount of the fuel stream and the primary and secondary oxidant streams is 40-63% by mass or 47-70% by volume.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

INV. F23C9/00 F23D1/00 F23L7/00
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)

F23L

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)

EP0-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 7 717 701 B2 (D AGOSTINI MARK DANIEL [US] ET AL) 18 May 2010 (2010-05-18)	1-5,7-13
Y	column 7, line 28 - line 52 column 8, line 62 - column 9, line 9; figures 1, 5a, 5b	6
Y	----- US 2010/316969 A1 (AMIRAT MOHAND [FR] ET AL) 16 December 2010 (2010-12-16)	6
A	paragraphs [0025], [0030], [0031], [0042], [0049]; figures 1, 2 ----- -/--	1-5



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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A	US 4 556 384 A (LAURENCEAU SERGE [FR] ET AL) 3 December 1985 (1985-12-03) column 5, line 25 - line 34; figure 2 -----	1,7,8
A	DE 94 14 301 U1 (SBW SONDERABFALLENTSORGUNG BAD [DE]; BERLIN CONSULT GMBH [DE]) 2 February 1995 (1995-02-02) page 1, paragraph 1 page 4, line 3 - page 5, line 2; claim 1; figure 1 -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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