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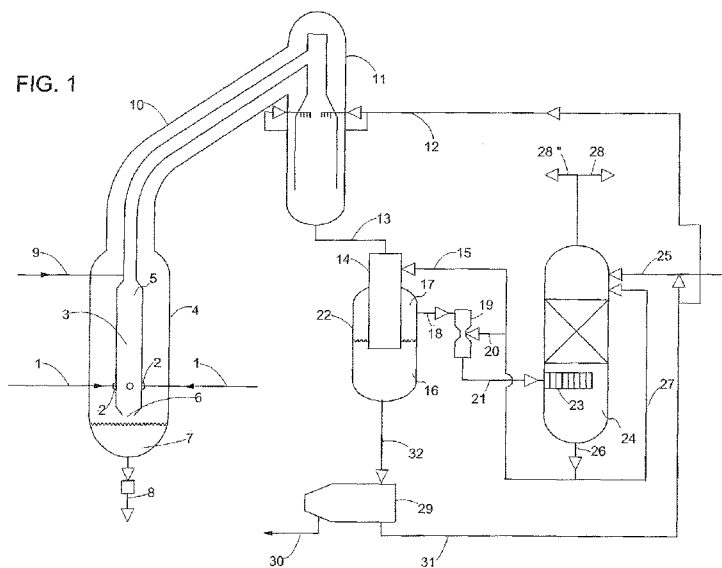
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Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted
a patent (Rule 4.17(ii))

[Continued on next page]

(54) Title: PROCESS TO PREPARE A GAS MIXTURE OF HYDROGEN AND CARBON MONOXIDE



(57) Abstract: The invention is directed to a process to prepare a gas mixture of hydrogen and carbon monoxide from an ash containing carbonaceous feedstock. The process involves a partial oxidation (5) obtaining liquid ash (8) and a gas mixture comprising of hydrogen, carbon monoxide and solids (10). The liquid ash is separated from the gas mixture and the temperature of the gas mixture is reduced (11) in the absence of the separated ash. The gas mixture is passed through a vertically positioned diptube (14) wherein water (15) is added to the gas mixture flowing through the diptube to obtain a gas/water mixture. The liquid is separated from the gas/water mixture. The gas thus obtained is passed together with an amount of liquid water through a venturi mixer (19) and scrubbed (24).

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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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)
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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	WO 2007/125046 A1 (SHELL INT RESEARCH [NL]; VAN DEN BERG ROBERT ERWIN [NL]; VAN DONGEN FR) 8 November 2007 (2007-11-08) figures 1-3 page 4, lines 25-34 claims 1-18 page 5, lines 20-33 page 7, lines 1-13 page 13, lines 8-17	1-8
Y	GB 1 259 425 A (WG SCHLINGER W L SLATER) 5 January 1972 (1972-01-05) page 1, line 50 - page 4, line 4 ----- -/--	1-8

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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Information on patent family members

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