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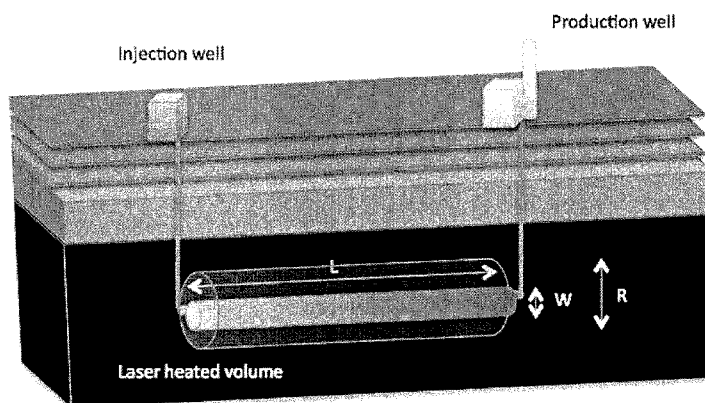
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(54) Title: LASER BASED PRODUCTION OF SYNGAS FROM UNDERGROUND COAL DEPOSITS

Fig. 4



(57) Abstract: The present invention relates to a method of producing syngas from an underground coal deposit, comprising the steps of providing an injection well into the coal seam; providing a production well into the underground coal seam; providing a linkage bore in the coal seam running from the injection well to the production well; providing a laser into the linkage bore; heating the coal located in the linkage bore with the laser; producing syngas; and extracting the syngas through the production well.



INTERNATIONAL SEARCH REPORT

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E21B

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)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	US 4 296 809 A (TSAI SHIRLEY C ET AL) 27 October 1981 (1981-10-27) column 1, line 40 - column 2, line 6 column 3, line 56 - line 64 column 4, line 8 - line 26 -----	1-14
Y	US 3 270 813 A (GILCHRIST RALPH E) 6 September 1966 (1966-09-06) column 2, line 46 - line 54 -----	1-14
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 3 411 575 A (CONNALLY JR CARL) 19 November 1968 (1968-11-19) column 4, line 64 - line 74 -----	1-14
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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
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US 4296809	A	27-10-1981	NONE
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US 3537529	A	03-11-1970	NONE
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US 4114688	A	19-09-1978	NONE