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## EUROPEAN PATENT APPLICATION

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88

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**Coal gasification process.**

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Ash-slugging fixed bed gasification of carbonaceous materials with steam and oxygen is effected by substituting at least a portion of the steam with an aqueous liquor. The liquor may be water per se eg. boiler-feed water or an effluent liquor comprised of condensed organic compounds and unreacted steam and solubilised salts which liquor is obtained by treating the product gas. Although oxygen consumption is slightly increased, the economic effect is offset by not having to expend energy in steam raising.

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# EUROPEAN SEARCH REPORT

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Application number

EP 84 30 5601

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	GB-A- 237 883 (CHAVANNE) * Page 2, lines 5-97; page 5, claims 1,2,8 *	1-3,6	C 10 J 3/08 C 10 J 3/16
X	DE-A-1 496 384 (VEB PROJEKTIERUNGS-, KONSTRUKTIONS- U. MONTAGEBÜRO PKM) * Pages 3-4, "Ausführungsbeispiel" *	1-6	
P,A	EP-A-0 089 103 (BRITISH GAS CORP.) * Page 10, claim *	1,3	
A	GB-A-2 094 337 (SKF STEEL ENGIN.) * Page 2, claims 1,10 *	1,2	
A	DE-A-2 607 745 (METALLGESELLSCHAFT) * Page 1, claims *	1-3,5, 6	C 10 J
A	US-A-4 175 929 (FRUMERMAN) * Column 4, lines 15-48 *	1-3	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 23-09-1985	Examiner WENDLING J.P.
<b>CATEGORY OF CITED DOCUMENTS</b>			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

