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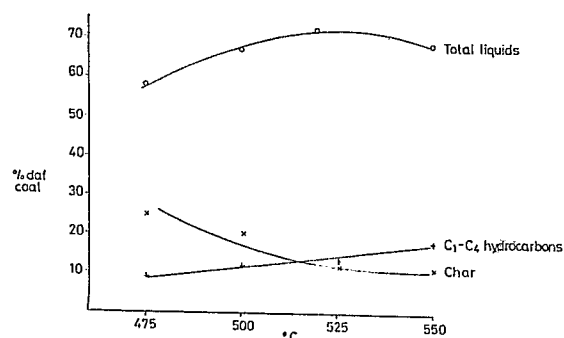
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54 **Improvements in hydropyrolysis.**

57 A coal is impregnated with 0.01 to 10% by weight of molybdenum disulphide and hydropyrolysed. The products are catalytically hydrocracked. Large yields of valuable liquid products are obtained under moderate conditions, and there is a relatively low production of gas.



EFFECT OF TEMPERATURE ON HYDROPYROLYSIS YIELDS FROM  
MoS<sub>2</sub> IMPREGNATED LINBY COAL AT 150bar. PRESSURE.  
FIG 1



EP 88 30 1632

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)												
A	US-A-3 502 564 (HODGSON) * Claim 1; column 3, lines 10-30 * ---	1,4,5	C 10 G 1/08												
D,A	GB-A-2 007 255 (COAL INDUSTRY (PATENTS) LTD) * Claims 1,3,5,6 * ---	1,2,4,5													
A	US-A-1 890 438 (STANDARD-I.G.) * Claims 1-14; page 1, lines 23-60; page 2, line 18 - page 3, line 77; examples 2,3 * -----	1,2,4,5													
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)												
			C 10 G												
The present search report has been drawn up for all claims															
Place of search THE HAGUE		Date of completion of the search 20-04-1989	Examiner DE HERDT O.C.E.												
<table border="0"><tr><td>CATEGORY OF CITED DOCUMENTS</td><td>T : theory or principle underlying the invention</td></tr><tr><td>X : particularly relevant if taken alone</td><td>E : earlier patent document, but published on, or after the filing date</td></tr><tr><td>Y : particularly relevant if combined with another document of the same category</td><td>D : document cited in the application</td></tr><tr><td>A : technological background</td><td>L : document cited for other reasons</td></tr><tr><td>O : non-written disclosure</td><td>.....</td></tr><tr><td>P : intermediate document</td><td>&amp; : member of the same patent family, corresponding document</td></tr></table>				CATEGORY OF CITED DOCUMENTS	T : theory or principle underlying the invention	X : particularly relevant if taken alone	E : earlier patent document, but published on, or after the filing date	Y : particularly relevant if combined with another document of the same category	D : document cited in the application	A : technological background	L : document cited for other reasons	O : non-written disclosure	.....	P : intermediate document	& : member of the same patent family, corresponding document
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