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# EUROPEAN PATENT APPLICATION

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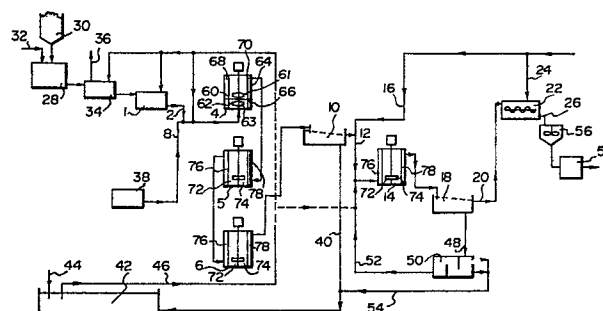
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54 An in-line method for the upgrading of coal, an apparatus therefor and the produced upgraded coal.

57 An in-line method for the beneficiation of coal and the formation of a coal-in-oil combustible fuel wherein the coal is pulverized (28) mixed with water to form a slurry (1), micro-agglomerated with light oil (4, 5, 6) to dissociate (10) a large amount of inorganic impurities and some water, agglomerated (74) with heavy oil to form relatively larger agglomerates and dissociate (18) mainly water with some inorganic impurities, and then mixed (22) with further heavy oil to form the coal-in-oil combustible fuel.





European Patent  
Office

# EUROPEAN SEARCH REPORT

0029712  
Application number  
EP 80 30 4161

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. <sup>3</sup> )
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
	<p><u>FR - A - 2 323 754</u> (SHELL)</p> <p>* Page 4, lines 21-36; claims 1, 3, 10, 13 *</p> <p style="text-align: center;">--</p>	1,4,5	C 10 L 1/32
D	<p><u>US - A - 3 665 066</u> (CAPES et al.)</p> <p>* Column 3, lines 1-12; claims 1, 3, 4, 6, 7 *</p> <p style="text-align: center;">-----</p>		
			TECHNICAL FIELDS SEARCHED (Int. Cl. <sup>3</sup> )
			C 10 L 1/32 C 10 L 5/06
			CATEGORY OF CITED DOCUMENTS
			X: particularly relevant A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: conflicting application D: document cited in the application L: citation for other reasons
			&: member of the same patent family, corresponding document
<p><i>b</i> The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search	Examiner	
The Hague	25-08-1981	DE HERDT	