

12 **EUROPEAN PATENT APPLICATION**

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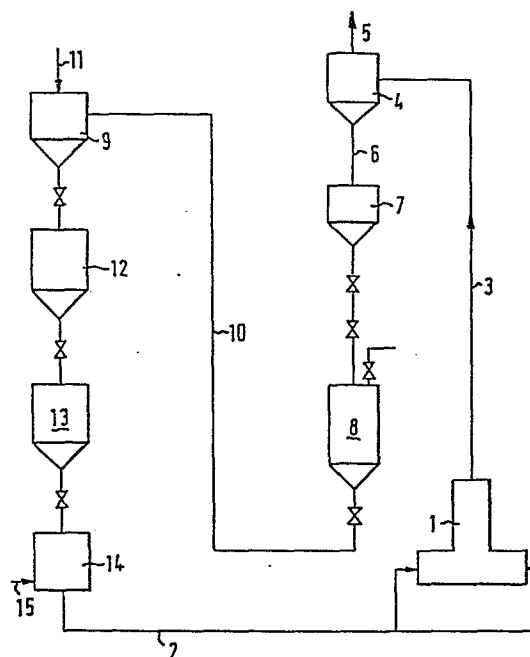
64 Designated Contracting States: **BE DE FR GB IT NL**

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54 **Process for the partial combustion of solid fuel with fly ash recycle.**

57 In a process for the partial combustion of finely divided solid fuel, fly ash entrained by the formed product gas is recirculated to the combustion space. The fly ash is thereto separated from the product gas, mixed with fresh solid fuel, brought together with the fresh solid fuel in a fluidized state by injecting a gaseous medium and recirculated to the combustion space.





European Patent
Office

EUROPEAN SEARCH REPORT

0109109

Application Number

EP 83 20 1501

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. ³)												
Y	GB-A- 803 234 (THE GAS COUNCIL) * Page 2, line 51 - page 3, line 4 *	1,7	C 10 J 3/46 C 10 J 3/84												
A	---	5													
Y	US-A-4 319 888 (BLASKOWSKI) * Column 1, line 40 - column 2, line 28 *	1,7													
A	---	6													
A	US-A-2 113 774 (SCHMALFELDT) * Page 3, left-hand column, line 75 - page 4, right-hand column, line 35 *	1,3,7	TECHNICAL FIELDS SEARCHED (Int. Cl. ³) C 10 J												
A	DE-C- 737 641 (PINTSCH) * Page 2, lines 45-65 *	1,3,7													
A	DE-A-2 751 911 (DAVY POWERGAS) * Pages 1-4 *	1													
The present search report has been drawn up for all claims															
Place of search THE HAGUE		Date of completion of the search 20-12-1984	Examiner WENDLING J.P.												
<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>& : member of the same patent family, corresponding document</td></tr><tr><td>P : intermediate document</td><td></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	& : member of the same patent family, corresponding document	P : intermediate document	
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