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71 Applicant: **WESTINGHOUSE ELECTRIC CORPORATION**  
**Westinghouse Building Gateway Center**  
**Pittsburgh Pennsylvania 15222(US)**

72 Inventor: **Lahoda, Edward Jean**  
**404 Morris Street**  
**Edgewood Pennsylvania(US)**

74 Representative: **Sorrell, Terence Gordon et al,**  
**Sorrell & Son Otham**  
**Maidstone Kent ME15 8RR(GB)**

54 **Method of recovering uranium.**

57 Method of recovering uranium from a silicate-uranium coprecipitate by leaching the coprecipitate with a leachate having a pH of from 2 to 3, followed by filtering the coprecipitate. The uranium is dissolved in the filtrate but the silicate is insoluble. The leachate is preferably an aqueous solution of nitric acid which is also used to wash the coprecipitate. The uranium can be extracted from the filtrate using an organic extractant containing DEPA-TOPO.

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**EUROPEAN SEARCH REPORT**

Application number

EP 82 30 2566

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. <sup>3</sup> )
X	Patent Abstracts of Japan Vol. 2, no. 66, 19 May 1978 Page 1196M78 & JP-A-53-27800	1	C 22 B 60/02
X,P	Patent Abstracts of Japan Vol. 5, no. 160, 15 October 1981 & JP-A-56-92123 & US-A-4 349 513 (Cat. X,E)	1	
X,P	Patent Abstracts of Japan Vol. 5, no. 184, 21 November 1981 & JP-A-56-109825 & US-A-4 338 286 (Cat. X,E)	1	
A	US-A-3 394 997 (W.R. DE HOLLANDER)		
			TECHNICAL FIELDS SEARCHED (Int. Cl. <sup>3</sup> )
			C 22 B 60/02
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 28-07-1983	SUTOR W Examiner
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>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</p> <p>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</p> <p>&amp; : member of the same patent family, corresponding document</p>			