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54 **Magnesium-calcium alloys for debismuthizing lead.**

57 A novel alloy for use in lead refining is disclosed which comprises magnesium and calcium. The preferred ratio on a weight basis of magnesium to calcium is between 1.2 and 5.2. A method of adding this alloy to a lead bath is described which brings calcium into solution with the lead and provides a high recovery ratio.

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EUROPEAN SEARCH REPORT

Application Number

EP 89 30 5122

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.5)
X	US-A-1 428 041 (KROLL) * claim 7 * - - - -	1	C 22 B 13/08
A,D	US-A-1 853 540 (BETTERTON) * page 2, lines 79-122 * - - - -	1	
A,D	US-A-2 129 445 (REHNS) * page 5, lines 29-36 * - - - -	1	
A,D	FR-A-2 514 786 (EXTRAMET) * claim 2 * - - - -	1	
A	ERZMETALL Band II, Nr. 5, 1949, Seiten 129-133, Stuttgart, DE; D. EVERS: "Die Entwismutierung nach dem Kroll- Betterton-Verfahren" * page 131 * - - - - -		
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			C 22 B
The present search report has been drawn up for all claims			
Place of search Berlin		Date of completion of search 25 September 90	Examiner SUTOR W
<div>CATEGORY OF CITED DOCUMENTS</div> <div>X : particularly relevant if taken alone</div> <div>Y : particularly relevant if combined with another document of the same category</div> <div>A : technological background</div> <div>O : non-written disclosure</div> <div>P : intermediate document</div> <div>T : theory or principle underlying the invention</div> <div>E : earlier patent document, but published on, or after the filing date</div> <div>D : document cited in the application</div> <div>L : document cited for other reasons</div> <div>& : member of the same patent family, corresponding document</div>			