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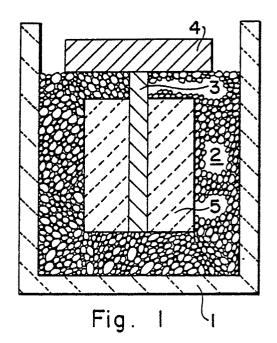
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- Applicant: LANXIDE TECHNOLOGY COMPANY, LP Tralee Industrial Park Newark Delaware 19711(US)
- Inventor: Aghajanian, Michael Kevork 604 Helmsdale Court Bel Air Maryland 21014(US) Inventor: Newkirk, Marc Stevens 38 Quartz Mill Road Newark Delaware 19711(US)
- 74 Representative: Andrae, Steffen, Dr. et al c/o DENNEMEYER & ASSOCIATES
 Steinstrasse 44
 D-8000 München 80(DE)
- (9) Metal matrix composites and techniques for making the same.
- The present invention relates to novel ceramic-filled metal matrix composites and methods for making the same. Particularly, a permeable mass of filler material is spontaneously infiltrated by, for example, an aluminum alloy, in the presence of nitrogen-containing atmosphere. A reservoir feeding technique for forming metal matrix composite bodies is also disclosed. The reservoir feeding technique can also be used to form complex (e.g., a metal bonded to a metal matrix composite) metal matrix composite bodies.



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EUROPEAN SEARCH REPORT

EP 89 63 0051

DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document with in of relevant pa	ndication, where appropriate, ssages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)	
Y,P	EP-A-0 291 441 (LA LP) * Claims 1,20 *	NXIDE TECHNOLOGY CO.	1-3	C 04 B 41/88 C 04 B 35/65 C 22 C 1/10	
Y,P	EP-A-0 262 075 (LA LP) * Claims 1-2,8-10 *	NXIDE TECHNOLOGY CO.	1,3	C 22 C 32/00	
Y,P	LP)	NXIDE TECHNOLOGY CO.	2		
	* Claim 5; page 5, 21-24; page 6, colu	mn 9, lines 25-30 *			
A	US-A-3 175 260 (H. * Claims 1,5; colum		1		
A	EP-A-O 250 210 (TH UNIVERSITY OF CALIF * Claims 1-3; page 3, lines 42-46; pag	ORNIA) 2, lines 29-38; page	1-3		
				TECHNICAL FIELDS SEARCHED (Int. Cl.4)	
		·		C 04 B C 22 C	
	The present search report has b	een drawn up for all claims			
	Place of search	Date of completion of the search		Examiner	
THE HAGUE 28-09-		28-09-1990	990 RIGONDAUD B.P.A.		
X : par Y : par doc A : tecl	CATEGORY OF CITED DOCUMENT ticularly relevant if taken alone ticularly relevant if combined with and ument of the same category nological background 1-written disclosure	E : earlier paten after the fili ther D : document ci L : document ci	inciple underlying the nt document, but publ ng date ited in the application ted for other reasons the same patent famil	ished on, or	

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