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54 **Investment casting mould.**

57 A method and material for the manufacture of investment casting moulds are described. The moulds so produced comprise relatively large alumina particles contained in a matrix of fine alumina flour and a siliceous bonding phase. Preferably at least a part of the alumina flour is constituted by alumina known as "reactive alumina". Preferably the shell mould is fired at a temperature sufficiently high to allow at least a part of the silica to combine with the alumina flour to form mullite in the matrix.

**EP 0 343 401 A3**



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.4)
Y	US-A-4 664 172 (T. TAKAYANAGI) * claims 1,2 * ---	1,2	B 22 C 9/04
Y	US-A-4 188 450 (C.D. GRESKOVICH) * claims 1-18 * ---	1,2	
A	---	3-7	
A	GB-A-2 168 060 (OHARA CO. LTD.) * claims 1,15 * -----	2	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 22 C 9/00 B 22 C 1/00
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 25-09-1990	Examiner GOLDSCHMIDT G
<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  .....  &amp; : member of the same patent family, corresponding document</p>			