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(54) **Manufacture of two-component products.**

(57) A method is provided for making a product which comprises two layers of different materials bonded to each other. The product will typically be a composite abrasive compact. The method includes the steps of providing a mould (10) having an internal base surface (16) profiled to a desired shape, making a first slurry of a particulate material in a liquid medium which is capable of setting at least to a green state, introducing the slurry (20) into the mould (10), causing the medium to set to produce at least a green state mass (20), removing the green state mass (20) from the base (16), that green state mass (20) having a surface complementary to the profiled internal base surface (16) of the mould (10), depositing, on the profiled complementary surface of the green state mass, a layer of a second slurry containing a different particulate material in a liquid medium which is capable of setting at least to a second green state, and causing the medium of that second slurry to set to produce at least a second green state mass (26) which is bonded to the first green state mass (20).

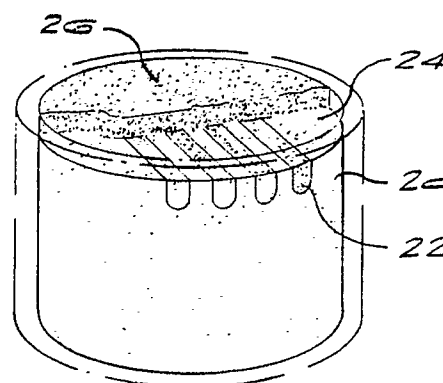


FIG. 3

EP 0 357 378 A3



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EUROPEAN SEARCH REPORT

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EP 89 30 8729

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)
Y	US-A-4 764 434 (ARONSSON ET AL.) * the whole document * - - -	1,3-10	B 23 P 15/28 B 22 F 3/22 B 24 D 18/00
Y	EP-A-0 246 438 (ALLIED CORPORATION) * page 2; claims ; figures * - - - - -	1,3-10	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			B 23 P B 22 F B 24 D
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		31 May 91	ESCHBACH D.P.M.
<div>CATEGORY OF CITED DOCUMENTS</div> <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> <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></div>			