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(54) Non-slip surface coatings.

(57) Rounded quartz sand particles (22) are each enclosed in a hardenable resin skin (23) which is integrated with the skins on adjacent particles and which creates a binding of the particles to a primed base (20, 21). A significant fraction of the particles may be remote from the base and only integrated with adjacent particles so that a contoured or embossed effect is created to provide a supplementary non-slip feature. In a process for forming such a surface coating the particles are wetted with a functional liquid, mixed with a binder related to the functional liquid and sprayed. The spraying process is powered by a progressive cavity pump (37) with a selection of particle/resin ratio such that the pump operates under a Sigma effect.

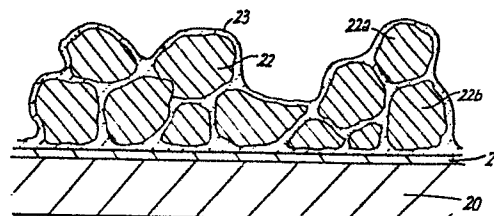


Fig. 2



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. ³)
A	GB-A-1 237 252 (MINNESOTA MINING AND MANUFACTURING CO.) * Figures 1, 2; claims 1-3, 10; page 2, lines 12-33, 82-84 *	1, 2, 4-6	E 04 F 15/12
A	DE-A-2 344 009 (K. KEMPER) * Figure; claims 1, 2, 5-7; page 5 *	1, 2, 5	
A	DE-A-2 653 412 (SCHERING AG) * Claim 1; pages 4-5, 12 *	1, 2	
A	FR-A-1 352 975 (R. AMAND) * Figure; page 2, lines 1-14 *	1	
A	FR-A-2 063 461 (F. RIPOLL) * Figure; claims 1, 2, 4; page 2, lines 13-27 *	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl. ³) E 01 C 7/00 E 04 F 11/00 E 04 F 15/00 E 04 F 21/00 E 01 C 11/00
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 29-08-1983	Examiner VON WITTKEN-JUNGNIK
CATEGORY OF CITED DOCUMENTS 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 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 & : member of the same patent family, corresponding document			