



11) Publication number:

0 382 464 A3

(2) EUROPEAN PATENT APPLICATION

②1 Application number: 90301208.6 ⑤1 Int. Cl.⁵: **C11D** 17/00, C11D 3/37

② Date of filing: 06.02.90

③ Priority: **09.02.89 GB 8902909**

Date of publication of application: 16.08.90 Bulletin 90/33

Designated Contracting States:
 CH DE ES FR GB IT LI NL SE

Date of deferred publication of the search report: 28.10.92 Bulletin 92/44 Applicant: UNILEVER PLC
 Unilever House Blackfriars
 London EC4P 4BO(GB)

⊗ GB

71 Applicant: UNILEVER N.V.
Burgemeester s'Jacobplein 1 P.O. Box 760
NL-3000 DK Rotterdam(NL)

(84) CH DE ES FR IT LI NL SE

Inventor: Akay, Galip36 Gulls WayHeswall, Wirral L60 9JO(GB)

(4) Representative: Ford, Michael Frederick et al MEWBURN ELLIS 2 Cursitor Street London EC4P 4BO(GB)

(54) Coating Process.

(a) A coating process can serve to encapsulate either solid particles or liquid droplets or both. The process comprises a first step of forming a melt of a coating material in which the solid particles or liquid droplets as a dispersed phase. This melt is then destabilised by adding solid particles and/or by cooling. This causes the melt to crumble to a particulate product consisting of dispersed phase encapsulated with the coating material.

Examples of coating material are organic polymers, soap fatty acid mixtures and non-soap surfactants. Materials which can be encapsulated include bleaching agents and perfume.



EUROPEAN SEARCH REPORT

EP 90 30 1208

Category	Citation of document with in of relevant pas			levant claim	CLASSIFICA APPLICATIO	TION OF THE N (Int. Cl.5)
D,P X,L	P-A-O 303 416 (UNILEVER NV) Whole document * Document so quoted for it's casting doubton the first-deposit" characters of GB-A-8 102 909 and thus validity of the convention-priority claim		1-4	ļ	C 11 D C 11 D	
Y	Convention priority		5-7 15	',13-		
χ	FR-A-2 029 842 (N. * Whole document *	SALKIN)	1-3	3		
Y			5-7 15	7,13-		
Y	EP-A-0 051 987 (THE PROCTER & GAMBLE		5-7,13- 15			
A	* Whole document *		2,3	3,8		
X	FR-A-2 123 476 (LAI LTD) * Page 1, line 1 -	page 2, line 13,	1-7	7,13	TECHNICAL FIELDS SEARCHED (Int. Cl.5)	
	page 2, line 23 - page 3, line 33; page 4, line 20 - page 6, line 10, page 7, lines 5-10; page 8, lines 2-5; page 9, lines 25-30; table, examples 14,16; claims 1,3-11 *				C 11 D	
Y			14	, 15		
Y	DE-A-2 431 581 (HENKEL & CIE GmbH) * Whole document *			7,13-		
A		-/-	1-4	4		
	The present search report has b					
Place of search THE HAGUE		Date of completion of the search 12-06-1992	FISCHER W.H.F.			F.
Y:pa do	CATEGORY OF CITED DOCUME: rticularly relevant if taken alone rticularly relevant if combined with an cument of the same category chnological background	E: earlier patent after the filin ther D: document cite L: document cite	documer g date ed in the ed for oth	application er reasons	lished on, or 1	

EUROPEAN SEARCH REPORT

Application Number

EP 90 30 1208

]	DOCUMENTS CONSIL						
Category	Citation of document with in- of relevant pas	dication, where appropriate, sages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)			
A	FR-A-2 281 160 (NOE		(O CIAIII)	TECHNICAL FIELDS SEARCHED (Int. Cl.5)			
The present search report has been drawn up for all claims Place of search Date of completion of the search Examiner							
TH	Place of search	12-06-1992	FIS	CHER W.H.F.			
X: pa Y: pa do A: te	CATEGORY OF CITED DOCUME articularly relevant if taken alone articularly relevant if combined with an ocument of the same category chnological background on-written disclosure termediate document	NTS T: theory or pri	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				