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Process for preparing high bulk density detergent powders containing clay.

A process for preparing a granular detergent composition or component having a bulk density of at least 550 g/l, which comprises the steps of adding up to 35% by weight of a swelling clay to a particulate starting material comprising:

(a) from 10 to 70% by weight of non-soap detergent active material, and

(b) at least 10% by weight of water-soluble crystalline inorganic salts, including sodium tripolyphosphate and/or sodium carbonate,

the weight ratio of (a) to (b) being at most 2.5, and treating the mixture in a high-speed mixer/granulator having both a stirring action and a cutting action. The obtained granular detergent composition has good powder dissolution properties, a good softening in the wash performance and a good storage stability.

EP 0 430 328 A3



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EUROPEAN SEARCH REPORT

Application Number

EP 90 20 3012

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)
P,X	EP-A-0 351 937 (UNILEVER) * Whole document * - - -	1-7	C 11 D 3/12 C 11 D 3/06
Y	EP-A-0 229 671 (KAO CORP.) * Whole document * - - -	1-7	C 11 D 3/10 C 11 D 11/00 C 11 D 17/06
Y	EP-A-0 340 013 (UNILEVER) * Whole document * - - -	1-7	
Y	EP-A-0 339 996 (UNILEVER) * Examples; claims * - - -	1-7	
D,Y	GB-A-2 063 289 (UNILEVER) * Examples; claims * - - - - -	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			C 11 D
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		25 April 91	GOLLER P.
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			