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(5d) Granular detergent compositions containing sodium aluminosilicate or other phosphorus-free detergency builders.

(57) Granular detergent compositions containing sodium aluminosilicate or other phosphorus-free detergency builders with reduced caking and hygroscopicity tendencies are disclosed. The compositions contain not more than 4.5% sodium silicate and from about 0.3% to about 6.0% of polyethylene glycol or other polymers containing at least about 50% ethylene oxide by weight, the polymer having a melting point not less than about 35°C.

EUROPEAN SEARCH REPORT

European Patent

ODT

Application number

EP 84 20 0791

DOCUMENTS CONSIDERED TO BE RELEVANT						
Category	Citation of document with indication, where appropriate, of relevant passages		riate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)	
х	DE-A-3 116 069 * Page 11, linclaim 1 *	·	1	1-5,9 12	- C 11 D 3/37 C 11 D 3/12 C 11 D 3/10 C 11 D 3/20	
х	CHEMICAL ABSTRA 26, June 1983, abstract no. 21 Ohio, US; & JP- (LION CORP.) 26 * Abstract *	page 116, 7640s, Columb A-57 192 500	1	1-5,1	1	
х	DE-A-2 856 087 * Claims; page ample 32 *	•	'; ex-	1-5,8 11,12	,	
х	GB-A-1 414 064 (COLGATE-PALMOL * Claims; page examples 1,2 *		4-28;	1,2	TECHNICAL FIELDS SEARCHED (Int. Ct. 3) C 11 D 3/00	
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E	DE-A-3 420 334 * Whole documen			1-6,11,12	-	
	The present search report has b	een drawn up for all claims				
THE ^{ac} HACUE		Date105completion of	the search	PFAN	PFANNENSTEIN H.F.	
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 CATEGORY OF CITED DOCUMENTS 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					out published on, or dication reasons	