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⑤④ **Cleaning compositions.**

⑤⑦ A homogenous thickened cleaner for hard surfaces comprises a water soluble abrasive, a surfactant and a thickener in an aqueous base and the suspension of the abrasive is achieved without using a high concentration of surfactant despite the high ionic strength contributed by the abrasive through the use of an polyacrylate with anionic side chains as the thickening agent. Typical compositions comprise 20 to 50 wt% sodium bicarbonate or other abrasive, up to 5 wt% alkyl benzene sulphonate surfactant and 1 to 8 wt% anionic polyacrylate.



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 93 30 3715

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)
A	EP-A-0 301 885 (UNILEVER PLC ET AL.) * the whole document * ---	1-11	C11D3/10 C11D3/06 C11D3/37 C11D17/00
A	DD-A-272 098 (VEB VEREINIGTE SODAWERKE) * the whole document * ---	1-4	
A	CH-A-473 217 (UNILEVER NV) * example 1 * ---	1-4	
A	DATABASE WPI Week 9105, Derwent Publications Ltd., London, GB; AN 91-032073 & JP-A-2 300 299 (KAO CORP) 12 December 1990 * abstract * ---	1-11	
A	DATABASE WPI Week 8945, Derwent Publications Ltd., London, GB; AN 89-327759 & JP-A-1 242 697 (KAO CORP) 27 September 1989 * abstract * ---	1-11	TECHNICAL FIELDS SEARCHED (Int.Cl.5) C11D
D,A	EP-A-0 334 566 (UNILEVER PLC ET AL.) * page 6, line 28 - line 32 * * claims; examples * -----	1-11	
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 22 June 1994	Examiner Pelli Wablat, B
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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