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54 **Thixotropic aqueous liquid automatic dishwashing detergent composition.**

57 Thixotropic aqueous liquid automatic dishwashing detergent composition with improved anti-filming properties and method of using the detergent composition. The detergent composition comprises alumina or titanium dioxide anti-filming agent, inorganic builder salts, chlorine bleach, bleach-stable detergent and a thixotropic thickener. The compositions provide reduced filming on dishware, glassware, china and the like, particularly in hard water, and remain stable against phase separation.

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## EUROPEAN SEARCH REPORT

Application Number

EP 88 11 7692

| 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) |   |   |
| X  | EP-A-0 206 534 (CLOROX)<br>* page 20, line 27 - page 21, line 31 *<br>- - - -   | 1-13,<br>19-23                                | C 11 D 3/12<br>C 11 D 17:00                   |   |   |
| D,X  | GB-A-2 140 450 (COLGATE-PALMOLIVE)<br>* example 5 *<br>- - - -  | 1   |   |   |   |
| X  | GB-A-2 184 454 (COLGATE-PALMOLIVE)<br>* claim 17 ** examples 4, 6 *<br>- - - -  | 1,2   |   |   |   |
| A  | GB-A-2 176 495 (COLGATE-PALMOLIVE)<br>* page 5, lines 50 - 55 ** example 4 *<br>- - - -   | 1,4-7   |   |   |   |
| P,A  | EP-A-0 252 708 (UNILEVER)<br>* claims 1-3, 10 ** example 10 *<br>- - - - -  | 1,2   |   |   |   |
|  |   |   | TECHNICAL FIELDS<br>SEARCHED (Int. Cl.5)      |   |   |
|  |   |   | C 11 D  |   |   |
| The present search report has been drawn up for all claims   |   |   |   |   |   |
| Place of search<br>The Hague   |   | Date of completion of search<br>24 January 91 | Examiner<br>PFANNENSTEIN H.F.                 |   |   |
| <table><tr><td><b>CATEGORY OF CITED DOCUMENTS</b><br/>X: particularly relevant if taken alone<br/>Y: particularly relevant if combined with another document of the same category<br/>A: technological background<br/>O: non-written disclosure<br/>P: intermediate document<br/>T: theory or principle underlying the invention</td><td>E: earlier patent document, but published on, or after the filing date<br/>D: document cited in the application<br/>L: document cited for other reasons<br/>-----<br/>&amp;: member of the same patent family, corresponding document</td></tr></table> |   |   |   | <b>CATEGORY OF CITED DOCUMENTS</b><br>X: particularly relevant if taken alone<br>Y: particularly relevant if combined with another document of the same category<br>A: technological background<br>O: non-written disclosure<br>P: intermediate document<br>T: theory or principle underlying the invention | E: earlier patent document, but published on, or after the filing date<br>D: document cited in the application<br>L: document cited for other reasons<br>-----<br>&: member of the same patent family, corresponding document |
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