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**EUROPEAN PATENT APPLICATION**

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⑤① Int. Cl.⁴: **C 11 D 3/12, C 11 D 3/37,**  
**C 11 D 3/39, C 11 D 3/386**

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③① Priority: **30.05.84 GB 8413802**

⑦① Applicant: **THE PROCTER & GAMBLE COMPANY, One Procter & Gamble Plaza, Cincinnati Ohio 45202 (US)**

⑧④ Designated Contracting States: **CH GB LI AT**

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⑦① Applicant: **Procter & Gamble European Technical Center, Temselaan 100, B-1820 Strombeek-Bever (BE)**

⑧④ Designated Contracting States: **BE DE FR IT NL**

⑧④ Designated Contracting States: **AT BE CH DE FR GB IT LI NL**

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⑧⑧ Date of deferred publication of search report: **04.05.88 Bulletin 88/18**

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⑤④ **Detergent with suds control.**

⑤⑦ Granular laundry detergents comprising conventional deterative surfactants, builders, enzymes, as well as a fabric softener clay, are coated with a mixture of silica-silicone-alkoxylated siloxane-ethoxylated alcohol which provides suds control, especially in front loading automatic washing machines.

**EP 0 163 352 A3**



European Patent  
Office

# EUROPEAN SEARCH REPORT

0163352

Application Number

EP 85 20 0821

| 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. 4)            |
| Y                                                                                                                                                                                                                       | FR-A-2 524 902 (COLGATE-PALMOLIVE CO.)<br>* Page 13, line 33 - page 15, line 27;<br>claims 1-5,16; example 3 *<br>--- | 1,2,3,5                                                                                                                                                                                                                                                                               | C 11 D 3/12<br>C 11 D 3/37<br>C 11 D 3/39<br>C 11 D 3/386 |
| D,Y                                                                                                                                                                                                                     | EP-A-0 046 342 (PROCTER & GAMBLE)<br>* Examples 8-14; claims 1-10 *<br>---                                            | 1,2,3,5                                                                                                                                                                                                                                                                               |                                                           |
| E                                                                                                                                                                                                                       | EP-A-0 142 910 (PROCTER & GAMBLE)<br>* Examples 6-10 *<br>---                                                         | 1                                                                                                                                                                                                                                                                                     |                                                           |
| A                                                                                                                                                                                                                       | EP-A-0 011 340 (PROCTER & GAMBLE)<br>* Claims 1-10; examples 1,2 *<br>-----                                           | 1,4                                                                                                                                                                                                                                                                                   |                                                           |
|                                                                                                                                                                                                                         |                                                                                                                       |                                                                                                                                                                                                                                                                                       | TECHNICAL FIELDS SEARCHED (Int. Cl. 4)                    |
|                                                                                                                                                                                                                         |                                                                                                                       |                                                                                                                                                                                                                                                                                       | C 11 D 3/00<br>C 11 D 17/00                               |
| The present search report has been drawn up for all claims                                                                                                                                                              |                                                                                                                       |                                                                                                                                                                                                                                                                                       |                                                           |
| Place of search<br>THE HAGUE                                                                                                                                                                                            |                                                                                                                       | Date of completion of the search<br>29-01-1988                                                                                                                                                                                                                                        | Examiner<br>PFANNENSTEIN H. F.                            |
| CATEGORY OF CITED DOCUMENTS                                                                                                                                                                                             |                                                                                                                       |                                                                                                                                                                                                                                                                                       |                                                           |
| 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 |                                                                                                                       | T : theory or principle underlying the invention<br>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 |                                                           |