

12

**EUROPEAN PATENT APPLICATION**

21 Application number: **85306056.4**

51 Int. Cl.<sup>3</sup>: **C 11 D 3/386**  
**C 11 D 3/12**

22 Date of filing: **27.08.85**

30 Priority: **29.08.84 GB 8421802**

43 Date of publication of application:  
**09.04.86 Bulletin 86/15**

88 Date of deferred publication of search report: **03.05.89**

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

71 Applicant: **UNILEVER PLC**  
**Unilever House Blackfriars P.O. Box 68**  
**London EC4P 4BQ(GB)**

84 Designated Contracting States:  
**GB**

71 Applicant: **UNILEVER NV**  
**Burgemeester s'Jacobplein 1 P.O. Box 760**  
**NL-3000 DK Rotterdam(NL)**

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

72 Inventor: **Martin, John Robert**  
**16 Prenton Hall Road Prenton**  
**Birkenhead Merseyside L43 0RA(GB)**

72 Inventor: **Nooi, Jacobus Roelof**  
**Courtine 16**  
**NL-3221 LL Hellevoetsluis(NL)**

72 Inventor: **Schulte, Uwe Gunter**  
**Neckarstrasse 10**  
**D-6943 Birkenau/Odenwald(DE)**

74 Representative: **Gambell, Derek et al,**  
**UNILEVER PLC Patents Division P.O. Box 68 Unilever**  
**House**  
**London EC4P 4BQ(GB)**

54 **Detergent composition.**

57 Fabric washing compositions containing a surfactant, which is usually an anionic and/or nonionic surfactant, and optionally other conventional ingredients such as builders, bleaches etc additionally contain both cellulase and a clay, particularly a smectite clay, to provide a softening benefit on cellulosic fabrics. The compositions may also contain cationic antistatic agents.

**EP 0 177 165 A3**



| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                     |                                                                                      |                                                                                                                                                                                                                                                                              | EP 85306056.4                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Category                                                                                                                                                                                                                | Citation of document with indication, where appropriate, of relevant passages        | Relevant to claim                                                                                                                                                                                                                                                            | CLASSIFICATION OF THE APPLICATION (Int. Cl.4) |
| Y                                                                                                                                                                                                                       | US - A - 3 936 537 (BASKERVILLE, JR. et al.)<br>* Claim 29; column 19, paragraph 2 * | 1,2                                                                                                                                                                                                                                                                          | C 11 D 3/386<br>C 11 D 3/12                   |
| ---                                                                                                                                                                                                                     |                                                                                      |                                                                                                                                                                                                                                                                              |                                               |
| Y                                                                                                                                                                                                                       | DE - A1 - 3 207 847 (KAO SOAP)<br>* Claim 1; example 1 *                             | 1,2                                                                                                                                                                                                                                                                          |                                               |
| ---                                                                                                                                                                                                                     |                                                                                      |                                                                                                                                                                                                                                                                              |                                               |
| D,A                                                                                                                                                                                                                     | EP - A1 - 0 026 528 (PROCTER & GAMBLE)<br>* Claim 5; page 12, lines 24-34 *          | 1,2                                                                                                                                                                                                                                                                          |                                               |
| -----                                                                                                                                                                                                                   |                                                                                      |                                                                                                                                                                                                                                                                              |                                               |
|                                                                                                                                                                                                                         |                                                                                      |                                                                                                                                                                                                                                                                              | TECHNICAL FIELDS SEARCHED (Int. Cl.4)         |
|                                                                                                                                                                                                                         |                                                                                      |                                                                                                                                                                                                                                                                              | C 11 D                                        |
| The present search report has been drawn up for all claims                                                                                                                                                              |                                                                                      |                                                                                                                                                                                                                                                                              |                                               |
| Place of search<br>VIENNA                                                                                                                                                                                               |                                                                                      | Date of completion of the search<br>01-02-1989                                                                                                                                                                                                                               | Examiner<br>MARCHART                          |
| 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>& : member of the same patent family, corresponding document |                                               |