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C11D 10/04, C11D 1/14**

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54 **Liquid detegent compositions.**

57 A pearlescent liquid detergent composition comprises an organic pearlescer, at least 5% by weight of a primary alkyl sulphate anionic surfactant and less than 2.5% by weight of a pearlescer crystallisation enhancer selected from acids, salts, alcohols and esters having a hydrophobic moiety with an average of at least 16 carbon atoms and nonionic surfactants.



European Patent  
Office

## EUROPEAN SEARCH REPORT

Application Number

EP 92 20 1753

| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | GB-A-2 121 072 (KAO CORP)<br><br>* page 3, line 34 - line 38 *<br>* claims *<br><br>--- | 1,2,4,<br>7-16                                   | C11D1/83<br>C11D3/20<br>C11D10/04<br>C11D1/14 |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | GB-A-1 230 413 (FARBWERKE HOECHST AKTIENGESELLSCHAFT)<br>* claims *<br><br>---          | 1,2,4,7,<br>8                                    |                                               |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | EP-A-0 130 609 (KAO CORP)<br>* claims *<br><br>---                                      | 1                                                |                                               |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | EP-A-0 164 058 (HOECHST AKTIENGESELLSCHAFT)<br>* claims *<br><br>-----                  | 1                                                |                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                         |                                                  | TECHNICAL FIELDS SEARCHED (Int. Cl.5)         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                         |                                                  | C11D                                          |
| The present search report has been drawn up for all claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                         |                                                  |                                               |
| Place of search<br>BERLIN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                         | Date of completion of the search<br>15 JUNE 1993 | Examiner<br>PELLI-WABLAT B.                   |
| <b>CATEGORY OF CITED DOCUMENTS</b><br><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><br>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 |                                                                                         |                                                  |                                               |