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**0 197 193**  
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## EUROPEAN PATENT APPLICATION

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Application number: **85114988.0**

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Applicant: **PENNWALT CORPORATION, Pennwalt Building Three Parkway, Philadelphia Pennsylvania 19102 (US)**

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**Iron-complexing alkaline detergent builder.**

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Triethanolamine, when added to an alkaline detergent builder in accordance with the present invention, results in a product which reduces or removes iron residues from fabrics by forming complexes with said iron residues during initial detergency operations in commercial laundering processes.

**EP 0 197 193 A3**



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# EUROPEAN SEARCH REPORT

0197193

Application number

EP 85 11 4988

| 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)            |
| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | DE-B-1 258 356 (JOH. A. BENCKISER)<br>* Claim 1; page 3, lines 5-20 *                                                                                                   | 1,2,8                                          | C 11 D 3/30                                               |
| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | US-A-3 935 129 (W. JABALEE)<br>* Claim 1; examples 2,4 *                                                                                                                | 1                                              |                                                           |
| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | DE-A-2 422 655 (PROCTER & GAMBLE)<br>* Example 3 *                                                                                                                      | 1                                              |                                                           |
| A,D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | US-A-3 515 673 (P. KERSNAR)<br>* Page 5, line 58 - page 6, line 4 *                                                                                                     | 1                                              |                                                           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CHEMICAL ABSTRACTS, vol. 88, no. 4, 23rd January 1978, page 80, abstract no. 24533u, Columbus, Ohio, US; & JP-A-77 98 709 (MIYAZAKI TAKASHI) 18-08-1977<br>* Abstract * | 1                                              | TECHNICAL FIELDS SEARCHED (Int. Cl. 4)<br><br>C 11 D 3/00 |
| E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | EP-A-0 151 678 (PROCTER & GAMBLE)<br>* Claim 1 *                                                                                                                        | 1                                              |                                                           |
| The present search report has been drawn up for all claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                         |                                                |                                                           |
| Place of search<br>THE HAGUE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                         | Date of completion of the search<br>16-12-1986 | Examiner<br>PFANNENSTEIN H.F.                             |
| <p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>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</p> <p>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/>&amp; : member of the same patent family, corresponding document</p> |                                                                                                                                                                         |                                                |                                                           |