

Title (en)  
LIQUID OR PASTE-LIKE WASHING PRODUCT.

Title (de)  
FLÜSSIGES ODER PASTENFÖRMIGES WASCHMITTEL.

Title (fr)  
PRODUIT DE LAVAGE LIQUIDE OU PATEUX.

Publication  
**EP 0576479 B1 19950802 (DE)**

Application  
**EP 92906453 A 19920312**

Priority  
• DE 4109247 A 19910321  
• EP 9200545 W 19920312

Abstract (en)  
[origin: WO9216608A1] New washing products form suspensions of crystalline, stratified sodium silicates and other components typical of washing products in liquid non-ionic surface-active agents or in mixtures of such surface-active agents with organic solvents selected from the group composed of glycols, glycolethers and glycerine, whereas these washing products should not contain more than 30 wt. % water. The silicates used are compounds having the general formula:  $\text{NaMSi}_x\text{O}_{2x+1}\cdot y\text{H}_2\text{O}$ , in which M stands for sodium or hydrogen, x is a number between 1.9 and 4 and y is a number from 0 to 20.

IPC 1-7  
**C11D 3/12**; **C11D 1/72**

IPC 8 full level  
**C11D 1/72** (2006.01); **C11D 3/12** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)  
**C11D 1/72** (2013.01); **C11D 3/1273** (2013.01); **C11D 17/003** (2013.01)

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**EP 9200545 W 19920312**; AT 92906453 T 19920312; DE 4109247 A 19910321; DE 59203122 T 19920312; EP 92906453 A 19920312; ES 92906453 T 19920312; JP 50580792 A 19920312