

Title (en)
Softening through the wash compositions

Title (de)
Beim Waschen weichmachende Zusammensetzungen

Title (fr)
Compositions adoucissants pour le lavage simultané

Publication
EP 0653480 B1 20000119 (EN)

Application
EP 93309041 A 19931111

Priority
EP 93309041 A 19931111

Abstract (en)
[origin: EP0653480A1] A detergent composition comprising a crystalline layered silicate having the formula $\text{NaMSi}_x\text{O}_{2x+1} \cdot y\text{H}_2\text{O}$ wherein M is sodium or hydrogen, x is a number from 1.9 to 4 and y is a number from 0 to 20. and a flocculating polymer selected from polymers and copolymers derived from monomers as ethylene oxide, acrylamide, acrylic acid, dimethylamino ethyl methacrylate, vinyl alcohol, vinyl pyrrolidone, ethylene imine or mixtures thereof characterized in that said detergent composition comprises less than 5% of clay by weight of the detergent composition.

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C11D 3/12; **C11D 3/37**

IPC 8 full level
C11D 3/00 (2006.01); **C11D 3/37** (2006.01); **C11D 3/386** (2006.01); **C11D 17/06** (2006.01)

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C11D 3/0021 (2013.01); **C11D 3/3776** (2013.01); **C11D 3/3792** (2013.01); **C11D 3/38609** (2013.01); **C11D 17/065** (2013.01)

Citation (examination)
• EP 0313146 A2 19890426 - PROCTER & GAMBLE [US]
• EP 0299575 A1 19890118 - PROCTER & GAMBLE [US]

Cited by
WO2008025505A1; US6462006B1; EP0870822A3; US5854198A; EP1894993A1; WO2018127390A1; WO9703166A1; EP0781320B2

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