Title (en)

AQUEOUS STABLE SUSPENSIONS OF WATER-INSOLUBLE SILICATES, CAPABLE OF BINDING CALCIUM IONS, AND THEIR USE FOR THE PRODUCTION OF WASHING AND CLEANING AGENTS

Publication

EP 0183945 B1 19910102 (DE)

Application

EP 85112884 A 19851011

Priority

DE 3444311 A 19841205

Abstract (en)

[origin: ES8701685A1] There is prepared an aqueous stable suspension of a water insoluble silicate capable of binding calcium ions and it is used for the production of washing and cleaning agents. The suspension contains in addition to water components A and B wherein component A is a silicate capable of binding calcium and having the formula (Cat2/nO)x-Me2O3x(SiO2)y I and component B is a dispersing agent comprising a mixture of at least two fatty alcohols polyglycol ether based on isotridecyl alcohol or another aliphatic C13 alcohol and ethylene oxide having the following properties: (a) Fatty alcohol polyglycol ether having 4.5 to 5.5 EO units -Turbidity point DIN 53917 56 to 60 DEG C. -Solidification point +4 to -25 DEG C. -Viscosity at 50 DEG C. 13 to 28 m Pas -Density at 50 DEG C. 0.94 to 0.96 g/ml - (b) Fatty alcohol polyglycol ether having 6 to 8 EO units -Turbidity point DIN 53917 66 to 74 DEG C. -Solidification point +12 to -16 DEG C. -Viscosity at 50 DEG C. 18 to 28 m Pas -Density at 50 DEG C. 0.96 to 0.98 g/ml -

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