

Title (en)

PROCESS FOR THE FILTRATION OF DRY-CLEANING BATHS AND FILTRATION AIDS IN THE FORM OF PREPARED LAYERED SILICATES USED THEREBY

Publication

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Application

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Priority

DE 3522932 A 19850627

Abstract (en)

[origin: ES2000054A6] This invention relates to a process for the filtration of liquors containing organic solvents in dry cleaning using natural and/or synthetic layered silicates prepared with one or more ammonium compounds corresponding to the following general formula $R_1R_2R_3R_4N^+X^-$ (I) wherein R₁, R₂, R₃ and R₄ represent hydrogen, alkyl or alkenyl groups which may optionally be substituted and X⁻ represents anions of water-soluble, highly dissociated acids, in a quantity of from 2 to 60% by weight. Settling filters or cartridge filters are charged with the layered silicates thus prepared either alone or in combination with kieselguhr and/or active carbon, and solvent mixtures used in dry cleaning are filtered through the prepared filters. The invention also relates to filtration aids for use in the filtration of cleaning liquors from dry cleaning systems which are characterized in that they comprise natural and/or synthetic layered silicates prepared with quaternary ammonium compounds corresponding to general formula (I) above in a quantity of from 2 to 60% by weight, in combination with kieselguhr and/or active carbon.

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