

Title (en)

A METHOD OF DRY CLEANING ARTICLES USING DENSIFIED CARBON DIOXIDE

Title (de)

VERFAHREN ZUM TROCKENREINIGEN UNTER VERWENDUNG VON VERDICHTETEM KOHLENDIOXID

Title (fr)

PROCEDE DE NETTOYAGE A SEC D'ARTICLES A L'AIDE DE DIOXYDE DE CARBONE DENSIFIE

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Application

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Abstract (en)

[origin: US2005120491A1] Disclosed is a method for the removal of stains from articles, especially fabric, using densified carbon dioxide. The invention is concerned with a method of dry cleaning an article comprising the successive steps of (a) contacting the article with a fluid dry cleaning composition containing densified carbon dioxide at a temperature between -20 and 60° C. and a pressure between 1 and 100 MPa, so as to allow stains to dissolve and/or to disperse into the fluid dry cleaning composition and (b) separating the article and the fluid dry cleaning composition; wherein the fluid dry cleaning composition comprises an ionic surfactant in a concentration between 0.01 and 15% by weight of the carbon dioxide and wherein during step a) at least 10%, preferably at least 30%, of said ionic surfactant is present in an undissolved solid form.

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