

Title (en)

METHOD OF REMOVING STAINS FROM A SURFACE

Title (de)

VERFAHREN ZUR ENTFERNUNG VON FLECKEN AUF OBERFLÄCHEN

Title (fr)

PROCEDE D'ELIMINATION DE TACHES SUR UNE SURFACE

Publication

EP 1155107 A1 20011121 (EN)

Application

EP 00907252 A 20000210

Priority

- US 0003454 W 20000210
- US 12117499 P 19990222

Abstract (en)

[origin: WO0050552A1] A method for removing stains from a hydrophobic surface such as plastic, including the steps of applying an aqueous solution of a composition which comprises: (a) from 0.1% to 15% by weight of the composition of an amine oxide, phosphine oxide, sulfoxide or mixtures thereof; (b) from 0.1% to 15% by weight of the composition of one or more low cloud point nonionic surfactants having a cloud point of less than 30 DEG C, selected from ethoxylated-propoxylated alcohol, capped poly(oxyalkylated) alcohols and mixtures thereof, wherein said capped nonionic surfactant is substantially free of dimers and trimers; (c) optionally, an oxygen bleaching agent; (d) optionally, a builder; and (e) adjunct materials, preferably automatic dishwashing detergent adjunct materials selected from the group consisting of enzymes, chelating agents, and mixtures thereof; wherein the weight ratio the nonionic surfactants to the oxide surfactant is within the range of from 25:1 to 1:5; the stains are selected from tomato stains, carotene stains, and mixtures thereof; and wherein the composition prevents redeposition of the stains once it has been removed from the stained surface.

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C11D 1/825

IPC 8 full level

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