

Title (en)

Washing and cleaning agent with a reduced need for conventional chemicals.

Title (de)

Wasch- und Reinigungsmittel mit verringertem Bedarf an konventionellen Chemikalien.

Title (fr)

Agent de lavage et de nettoyage avec un besoin réduit en matières chimiques conventionnelles.

Publication

EP 0235679 A1 19870909 (DE)

Application

EP 87102325 A 19870219

Priority

DE 3606729 A 19860301

Abstract (en)

[origin: WO8705321A1] The need for active washing agents for washing and cleaning in aqueous baths is reduced by the use of existing polyfunctional, quaternary ammonium compounds which are insoluble or are immobilized on insoluble solid carriers, whilst simultaneously maintaining the same washing and cleaning qualities. The active washing agents which can be economised are builders, tensides, anti-redeposition agents, washing alkalis or mixtures thereof. Solid carriers are above all fine-particle materials with a high specific surface area and high absorption capacity for oleophilic dirt.

Abstract (de)

Der Bedarf an waschaktiven Wirkstoffen beim Waschen und Reinigen in wäßrigen Flotten wird durch die Verwendung von unlöslichen oder auf unlöslichen Feststoffträger immobilisiert vorliegenden polyfunktionellen quartären Ammoniumverbindungen unter gleichzeitiger Erhaltung der Wasch- und Reinigungsleistung verringert. Die einsparbaren waschaktiven Wirkstoffe sind Builder, Tenside, Schmutzträger, Waschalkalien oder deren Mischungen. Feststoffträger sind vor allem feinteilige Materialien mit hoher spezifischer Oberfläche und einer hohen Absorptionsfähigkeit für deophile Verschmutzungen.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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