

Title (en)

METHOD FOR WASHING CLOTHES, IN PARTICULAR WORKING CLOTHES

Title (de)

VERFAHREN ZUM WASCHEN VON WÄSCHE, INSBESONDERE VON BERUFSBEKLEIDUNG

Title (fr)

PROCEDE DE LAVAGE DU LINGE, EN PARTICULIER DE VETEMENTS DE TRAVAIL

Publication

EP 0990020 B1 20020814 (DE)

Application

EP 98937476 A 19980612

Priority

- DE 19726287 A 19970620
- EP 9803543 W 19980612

Abstract (en)

[origin: US6398820B1] A process for washing laundry is provided in which a washing alkali component and a surfactant component are combined with water to form a wash liquor, the wash liquor is combined with laundry in a standard washing machine for institutional laundries, and the wastewater from the wash is treated by membrane filtration, where the throughflow rate is reduced by less than 10 percent over an operating time of 120 hours. The washing alkali component is composed of an anionic surfactant and a water-soluble silicate; an alkali metal hydroxide and a complexing agent; or an anionic surfactant and water-soluble silicate and an alkali metal hydroxide, a complexing agent, or a mixture of an alkali metal hydroxide and a complexing agent. The surfactant component is composed of a nonionic surfactant selected from the group consisting of C8-18 fatty alcohol alkoxylates containing at least 5 alkoxy groups, C8-18 fatty alcohol ethoxylates containing at least 7 ethoxy groups, C8-18 fatty alcohol ethoxylate/propoxylates containing at least 4 ethoxy groups and at least 2 propoxy groups in the molecule, and mixtures thereof.

IPC 1-7

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IPC 8 full level

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