

Title (en)
Washing process.

Title (de)
Waschverfahren.

Title (fr)
Procédé de lavage.

Publication
EP 0024340 A1 19810304 (DE)

Application
EP 80104728 A 19800811

Priority
DE 2933579 A 19790818

Abstract (en)
[origin: US4288225A] A fluid, two-component washing agent consisting of two components A and B, of which component A is an aqueous dispersion of fatty acids and component B is an alkaline solution, wherein component A is a cold-stable aqueous dispersion consisting essentially of: (a) from 15% to 35% by weight of substantially unsaturated fatty acids, mainly oleic acid, (b) from 2% to 6% by weight of potassium hydroxide and from 2% to 6% by weight of triethanolamine, where the total amount is so selected that at least 50% by weight of the fatty acids are present as potassium and triethanolamine soaps, (c) from 4% to 10% by weight of an ethoxylated primary alcohol having 5 to 12 oxyethylene units, (d) from 4% to 10% by weight of sodium C10-14-alkylbenzenesulfonate, (e) from 0.05% to 1% by weight of at least one optical brightener, (f) from 5% to 15% by weight of at least one C1-3-alcohol, and (g) from 35% to 50% by weight of water, and wherein component B is an alkaline solution containing alkaline potassium compounds. The two components are combined in a ratio of A to B of 2:1 to 1:4 in the wash solution using water with a hardness degree of less than 10 DEG dH (German hardness), where the total content of wash-active components is from 2 to 8 gm/liter and the goods:liquor ratio is 1:4 to 1:8 and the washing process is carried out in a known manner.

Abstract (de)
Textilmaterial wird in einer Waschflotte unter Verwendung von weichem Wasser bei einem Flottenverhältnis von 1 : 4 bis 1 : 8 und einer Waschmittelkonzentration von 2 bis 8 g/l gewaschen, wobei dieses Waschmittel durch Vereinigen zweier flüssiger Konzentrate A und B im Gewichtsverhältnis 2 : 1 bis 1 : 4 erhalten wird. Konzentrat A besteht aus einer Dispersion seifenbildender Fettsäuren, die zu mindestens 50% als Kalium- und Triethanolaminseifen vorliegen und enthält ausserdem ethoxylierte Alkohole mit 8 bis 14 C-Atomen und 5 bis 12 Ethylenglykolethergruppen, Na-Alkylbenzolsulfonate, optische Aufheller und niedermolekulare Alkohole sowie Wasser. Das Konzentrat B enthält in wässriger Lösung Waschkalkalien und Sequestrierungsmittel in Form der Tripolyphosphate, Hydroxyethandiphosphonate, Hydroxide, Silikate und gegebenenfalls Polyaminocarboxylate und Polyaminopolyposphonate jeweils als Kalium- und Natriumverbindungen.

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D06L 1/12; **D06L 1/16**

IPC 8 full level
C11D 3/20 (2006.01); **C11D 11/00** (2006.01); **D06L 1/12** (2006.01); **D06L 1/16** (2006.01)

CPC (source: EP US)
C11D 3/2079 (2013.01 - EP US); **D06L 1/12** (2013.01 - EP US); **D06L 1/16** (2013.01 - EP US); **C11D 2111/44** (2024.01 - EP US)

Citation (search report)

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