

Title (en)  
PASTY WASHING AGENT

Title (de)  
PASTENFÖRMIGES WASCHMITTEL

Title (fr)  
AGENT DE LAVAGE PATEUX

Publication  
**EP 0721498 B1 19981118 (DE)**

Application  
**EP 94928372 A 19940919**

Priority  
• DE 4332849 A 19930927  
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Abstract (en)  
[origin: US5929014A] PCT No. PCT/EP94/03122 Sec. 371 Date Apr. 18, 1996 Sec. 102(e) Date Apr. 18, 1996 PCT Filed Sep. 19, 1994 PCT Pub. No. WO95/09229 PCT Pub. Date Apr. 6, 1995A storable, substantially water-free flowable surfactant mixture containing 40% by weight to 70% by weight of a nonionic surfactant of the formula R1-(OC2H4)n-OH wherein R1 is an alkyl or alkenyl group containing 10 to 20 carbon atoms and an average degree of ethoxylation n of from 1 to 8; 20% by weight to 50% by weight of a nonionic surfactant, liquid at room temperature, of the formula: R2-(OC2H4)r-(OC3H6)p-OH wherein R2 is an alkyl or alkenyl group containing 10 to 20 carbon atoms, an average degree of ethoxylation r of from 2 to 8 and an average degree of propoxylation p of from 1 to 6; and 1% by weight to 10% by weight of a C10 to C22 carboxylic acid and/or alkali metal salts thereof. The flowable surfactant mixture provides a base for forming a pseudo-plastic detergent formulation. The pseudoplastic detergent formulation is formed by introducing solid materials such as an anionic surfactants, solid foam regulators, detergent builders and the like. When the solid materials are introduced into the substantially water-free, flowable surfactant mixture, a paste-form detergent is formed. The paste-form detergent does not flow under the action of gravity but upon introducing shear energy into the mixture, the viscosity is reduced and the composition flows under the force of gravity. Upon removing the shearing forces, the composition returns to its pseudoplastic form.

IPC 1-7  
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IPC 8 full level  
**C11D 1/722** (2006.01); **C11D 10/04** (2006.01); **C11D 17/00** (2006.01); **C11D 1/14** (2006.01); **C11D 1/22** (2006.01); **C11D 1/72** (2006.01)

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**US 5929014 A 19990727**; AT E173497 T1 19981215; CA 2172602 A1 19950406; CA 2172602 C 20050222; DE 4332849 A1 19950330; DE 59407315 D1 19981224; DK 0721498 T3 19990802; EP 0721498 A1 19960717; EP 0721498 B1 19981118; ES 2126149 T3 19990316; FI 113277 B 20040331; FI 961357 A0 19960325; FI 961357 A 19960325; HU 9600749 D0 19960528; HU T73750 A 19960930; JP H09503014 A 19970325; NO 20005830 D0 20001117; NO 310568 B1 20010723; NO 314665 B1 20030428; NO 5830 A 19960122; NO 960252 D0 19960122; NO 960252 L 19960122; PL 184782 B1 20021231; PL 313707 A1 19960722; WO 9509229 A1 19950406

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