

Title (en)  
WASHING AGENT FOR TEXTILES

Publication  
**EP 0019734 B1 19830112 (DE)**

Application  
**EP 80102334 A 19800430**

Priority  
DE 2918363 A 19790507

Abstract (en)  
[origin: EP0019734A1] 1. A powder-form softening detergent for light-wash textiles based on nonionic polyoxyalkylene surfactants, amphoteric-ion surfactants, cationic substances, alkanolamides and at least 50% by weight of other standard ingredients of a light-wash detergent, characterized in that it contains a) from 5 to 20% by weight of an aliphatic polyglycol ether or of a mixture of several polyglycol ethers corresponding to the following formula see diagramm : EP0019734,P6,F2 in which R\*\*1 represents a straight-chain C8 -C20 alkyl or alkenyl group, R\*\*2 represents hydrogen or a C1 -C4 alkyl group, and n has a value of from 2 to 20 and/or of a C8 -C15 alkylaryl polyglycol ether containing from 3 to 15 ethoxy units, b) from 1 to 10% by weight of a C12 -C18 fatty acid ethanolamide, c) from 1 to 10% by weight of an amphoteric-ion compound corresponding to the following formula see diagramm : EP0019734,P6,F3 in which R\*\*3 represents a C10 -C22 aliphatic, cycloaliphatic or alkylaromatic radical and preferably a C12 -C22 straight-chain alkyl radical, R\*\*4 represents a C1 -C4 alkyl radical or a C2 -C4 hydroxyalkyl radical or a polyether radical corresponding to the following formula (CH2 -CH2 -O)m -H with m=2-5, R\*\*5 has the same meaning as R\*\*4 or represents a phenyl, benzyl or tolyl radical, R\*\*6 represents an alkylene or hydroxyalkylene radical containing from 1 to 4 C-atoms, X represents the groups -COO\*\*-, -O-SO3 \*\*-- or -SO3 \*\*-- , d) from 2 to 10% by weight of a textile-softening quaternary ammonium salt selected from derivatives of ammonia and/or imidazoline containing two aliphatic radicals each with 16-20 carbon atoms and at least one quaternary nitrogen atom in the molecule, e) from 50 to 91% by weight of standard ingredients of a light-wash detergent except for anionic surfactants.

IPC 1-7  
**C11D 1/94**; **C11D 1/62**

IPC 8 full level  
**C11D 1/52** (2006.01); **C11D 1/62** (2006.01); **C11D 1/72** (2006.01); **C11D 1/94** (2006.01); **C11D 3/00** (2006.01)

CPC (source: EP)  
**C11D 1/523** (2013.01); **C11D 1/62** (2013.01); **C11D 1/72** (2013.01); **C11D 1/94** (2013.01); **C11D 3/001** (2013.01)

Cited by  
GB2163771A; EP1081213A1; EP0684300A3; EP0303187A3; FR2571756A1; CN105073969A; WO02102948A3; US9714400B2; WO9749789A1; WO9103536A1; WO2014154234A1; WO2014154654A1

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