

Title (en)

Liquid hard surface detergent compositions containing short chain amphocarboxylate detergent surfactant

Title (de)

Flüssige Reinigungszusammensetzungen für harte Oberflächen mit einem kurzkettigen Amphocarboxylat-Waschmittel-Tensid

Title (fr)

Composition détergente liquide pour surfaces dures contenant des détergents tension-actifs amphocarboxylate à chaîne courte

Publication

EP 0595383 B1 19970312 (EN)

Application

EP 93202758 A 19930924

Priority

US 96620792 A 19921026

Abstract (en)

[origin: EP0595383A1] Aqueous, liquid hard surface detergent compositions having good filming/streaking characteristics contain short chain amphocarboxylate detergent surfactant; hydrophobic, volatile cleaning solvent; and, optionally, zwitterionic detergent surfactant and/or monoethanolamine and/or other specific beta-aminoalkanols for improved filming/streaking and good cleaning. Preferred formulas do not contain large amounts of builders and/or other materials that contribute to bad spotting and filming and said formulas are suitable for general purpose cleaning including cleaning of glass.

IPC 1-7

C11D 1/92; **C11D 3/43**

IPC 8 full level

C11D 1/10 (2006.01); **C11D 1/90** (2006.01); **C11D 1/92** (2006.01); **C11D 1/94** (2006.01); **C11D 3/20** (2006.01); **C11D 3/30** (2006.01); **C11D 3/43** (2006.01)

CPC (source: EP)

C11D 1/90 (2013.01); **C11D 1/92** (2013.01); **C11D 1/94** (2013.01); **C11D 3/30** (2013.01); **C11D 3/43** (2013.01)

Cited by

US5547476A; US5817615A; US5523024A; US6066606A; GB2353535A; GB2353535B; US5632780A; US5575864A; US5837065A; US5851981A; US5714448A; US5585342A; US5716921A; US6281178B1; WO9949008A1; WO9518210A1; WO9634933A1; WO9733963A1; US6656900B2; US6900172B2; WO0110820A1; WO9604358A1; WO9533812A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

EP 0595383 A1 19940504; **EP 0595383 B1 19970312**; AT E150077 T1 19970315; CA 2109188 A1 19940427; CA 2109188 C 19971223; DE 69308726 D1 19970417; DE 69308726 T2 19971030; DK 0595383 T3 19970505; ES 2100444 T3 19970616; GR 3023697 T3 19970930; JP H06228590 A 19940816; MX 9306633 A 19940630

DOCDB simple family (application)

EP 93202758 A 19930924; AT 93202758 T 19930924; CA 2109188 A 19931025; DE 69308726 T 19930924; DK 93202758 T 19930924; ES 93202758 T 19930924; GR 970401337 T 19970605; JP 28988493 A 19931026; MX 9306633 A 19931025