

Title (en)
HARD SURFACE CLEANING COMPOSITIONS

Title (de)
REINIGUNGSMITTEL FÜR HARTE OBERFLÄCHEN

Title (fr)
COMPOSITIONS DE NETTOYAGE POUR SURFACES DURES

Publication
EP 1290121 B1 20081029 (EN)

Application
EP 00970492 A 20000926

Priority
• US 0026401 W 20000926
• US 15628699 P 19990927

Abstract (en)
[origin: WO0123510A2] The present invention provides preferred, preferably liquid, hard surface cleaning compositions, compositions with cleaning liquid composition on a substrate, compositions used with absorbent pads and implements and devices for making the process of cleaning hard surfaces and/or maintaining their appearance and hygiene easier and more effective. These compositions, along with specific instructions for use are advantageous for removal of and/or prevention of buildup of soils commonly encountered on floors, glass surfaces, counters, walls, showers and/or tubs, said compositions comprising hydrophilic polymers to render the cleaned surface hydrophilic and to improve the appearance when the surface is either not rinsed, or when the composition is incompletely removed, specific surfactant, preferably surfactant selected to minimize spotting/filming, optionally specific organic cleaning solvents to provide cleaning and wetting particularly in applications where levels of non-volatiles need to be minimized, and, optionally, anti-bacterial agents for preserving or surface activity and optionally perfumes for aesthetics.

IPC 8 full level
A47L 13/17 (2006.01); **C11D 1/66** (2006.01); **A01N 27/00** (2006.01); **A01N 31/02** (2006.01); **A01N 33/04** (2006.01); **A01N 33/12** (2006.01); **A01N 33/18** (2006.01); **A01N 37/04** (2006.01); **A01N 37/06** (2006.01); **A01N 37/14** (2006.01); **A01N 43/40** (2006.01); **A01N 43/80** (2006.01); **A01N 47/44** (2006.01); **A01N 59/00** (2006.01); **A47L 13/16** (2006.01); **A47L 13/20** (2006.01); **A47L 13/22** (2006.01); **A47L 13/256** (2006.01); **A47L 13/51** (2006.01); **B05B 9/08** (2006.01); **B08B 3/08** (2006.01); **B08B 5/04** (2006.01); **C11D 1/14** (2006.01); **C11D 1/68** (2006.01); **C11D 1/72** (2006.01); **C11D 3/20** (2006.01); **C11D 3/22** (2006.01); **C11D 3/37** (2006.01); **C11D 3/395** (2006.01); **C11D 3/43** (2006.01); **C11D 3/48** (2006.01); **C11D 3/50** (2006.01); **C11D 17/04** (2006.01); **D04H 1/46** (2012.01)

CPC (source: EP)
A47L 13/17 (2013.01); **C11D 17/049** (2013.01); **D04H 1/492** (2013.01)

Cited by
CN104886110A; US11185605B2; US10093811B2; US10759948B2; US11274215B2; US11464371B2; US11969123B2; US10759949B2; US11097030B2; US11286393B2; US11583603B2; US11992574B2; US11555167B2; US11555166B2; US11555168B2; US11802260B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0123510 A2 20010405; WO 0123510 A8 20011025; AR 022660 A1 20020904; AT E412726 T1 20081115; AU 7986400 A 20010430; CA 2384307 A1 20010405; CA 2384307 C 20090602; CA 2524671 A1 20010405; CA 2524671 C 20120110; DE 60040691 D1 20081211; EG 22597 A 20030430; EP 1290121 A2 20030312; EP 1290121 B1 20081029; EP 1661503 A2 20060531; EP 1661503 A3 20080102; EP 2036481 A2 20090318; EP 2036481 A3 20100922; ES 2316391 T3 20090416; JP 2003528164 A 20030924; JP 3908535 B2 20070425; MX PA02003223 A 20020930; ZA 200202001 B 20030827; ZA 200202004 B 20030611

DOCDB simple family (application)
US 0026401 W 20000926; AR P000105038 A 20000926; AT 00970492 T 20000926; AU 7986400 A 20000926; CA 2384307 A 20000926; CA 2524671 A 20000926; DE 60040691 T 20000926; EG 20001227 A 20000927; EP 00970492 A 20000926; EP 05028152 A 20000926; EP 08167764 A 20000926; ES 00970492 T 20000926; JP 2001526894 A 20000926; MX PA02003223 A 20000926; ZA 200202001 A 20020311; ZA 200202004 A 20020311