

Title (en)  
LIQUID CLEANING COMPOSITIONS

Title (de)  
FLÜSSIGE REINIGUNGSMITTEL

Title (fr)  
COMPOSITIONS DE NETTOYAGE LIQUIDES

Publication  
**EP 1478722 B1 20060524 (EN)**

Application  
**EP 03742866 A 20030131**

Priority  
• EP 03742866 A 20030131  
• EP 0300988 W 20030131  
• EP 02251405 A 20020228

Abstract (en)  
[origin: WO03072689A1] The invention provides a process for removing fatty soil from a hard surface, the process comprising the steps, in sequence, of: a treating the hard surface with a liquid cleaning composition comprising a radical scavenging antioxidant and hydrogen peroxide b allowing the fatty soil to deposit and c cleaning the surface to remove the fatty soil. Preferably natural antioxidants are used in the process. The invention also provides liquid hard surface cleaning compositions comprising a natural radical scavenging antioxidant, hydrogen peroxide and preferably a surfactant.

IPC 8 full level  
**B08B 3/08** (2006.01); **C11D 3/39** (2006.01); **C11D 3/20** (2006.01); **C11D 3/382** (2006.01); **C11D 11/00** (2006.01); **C11D 17/08** (2006.01); **C23G 1/02** (2006.01)

CPC (source: EP)  
**C11D 3/0084** (2013.01); **C11D 3/3947** (2013.01); **C11D 2111/14** (2024.01)

Cited by  
CN108473846A; EP3409741A4; US10648048B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)  
**WO 03072689 A1 20030904**; AR 038855 A1 20050126; AT E327310 T1 20060615; AU 2003248334 A1 20030909; AU 2003248334 B2 20060608; BR 0307024 A 20041103; CA 2472183 A1 20030904; DE 60305452 D1 20060629; DE 60305452 T2 20061012; EP 1478722 A1 20041124; EP 1478722 B1 20060524; ES 2261952 T3 20061116; JP 2005519151 A 20050630; ZA 200405016 B 20050624

DOCDB simple family (application)  
**EP 0300988 W 20030131**; AR P030100643 A 20030227; AT 03742866 T 20030131; AU 2003248334 A 20030131; BR 0307024 A 20030131; CA 2472183 A 20030131; DE 60305452 T 20030131; EP 03742866 A 20030131; ES 03742866 T 20030131; JP 2003571379 A 20030131; ZA 200405016 A 20040624